GENERAL COUNCIL
OF
MEDICAL EDUCATION & REGISTRATION.

AUGUST 11TH, 1859.

[*Extract.*]

EDUCATION.

THE General Council of Medical Education and Registration, having considered the question of education, and having referred it to a Committee to report thereon, are in a position to express their views on certain parts of the subject.

The Council are of opinion that no person should enter the medical or surgical profession who has not received on education in general knowledge such as will be equal, at least, to that required by the national educational bodies. They believe that, with the exception of a very few though important branches of knowledge, the education and mental training of the student destined for the medical profession ought not to differ from those adopted for other professions. They therefore call the attention of the licensing bodies to the following Report from the Education Committee.

REPORT OF EDUCATION COMMITTEE.

[*Extract.*]

I. GENERAL EDUCATION AND EXAMINATION.

The Committee are of opinion that it is desirable—

1. That all students pass an Examination in General Education before they commence their professional studies.

2. That, as far as may be practicable, testimonials of proficiency granted by the national educational bodies, according to the following list, be accepted, with such additions as the Medical Council may from time to time think proper to make:—A degree in Arts of any University of the United Kingdom, of the colonies, or of such other Universities as may be specially recognised from time to time by the Medical Council; Oxford Responsions or Moderations; Cambridge Previous Examinations; Matriculation Examination of the University of London; Oxford Middle-Class Examinations, Senior and Junior; Cambridge Middle-Class Examinations, Senior and Junior; Durham Middle-Class Senior Examination; Dublin University Entrance Examination; an Examination by any other University of the United Kingdom, equivalent to the Middle-Class Examinations of Oxford and Cambridge.

3. That the Examination on General Education be eventually left entirely to the Examining Boards of national educational bodies recognised by the Medical Council.

4. That students who cannot produce any of the testimonials referred to in the second resolution be required to pass an Examination in Arts, established by any of the bodies named in Schedule A of the Medical Act, and approved by the General Council; provided that such examination shall be in every case conducted by a special Board of Examiners in Arts.

5. That without professing to lay down any complete scheme of general education for persons intending to become members of the medical profession, the Committee recommend that the scheme of Examination in Arts of the licensing bodies be as nearly as practicable similar to that of any one of the national educational bodies above specified.

6. That on and after Oct. 1st, 1860, all medical students be required to be registered by one of the bodies named in Schedule A of the Medical Act.

7. That the lists of students registered be closed within a week after the commencement of each session.

8. That no student beginning professional study after September, 1861, be registered, who has not passed an Arts Examination, in conformity with Resolutions 2 and 4.

9. That the Registrar of the General Council be directed to obtain returns of the courses of study and of the examinations of the various national educational bodies, referred to in Resolution 2 on General Education, and that they be printed, and transmitted to the various licensing bodies named in Schedule A of the Medical Act.

10. That the age of twenty-one be the earliest age at which any professional licence shall be obtained, and that four years of professional study be required after the Examination in General Education.

II. PROFESSIONAL EXAMINATIONS.

Although the Committee at present refrain from any recommendations on the subject of Professional Education, they submit the following, in relation to Professional Examinations:—

1. That the Professional Examination be divided into at least two distinct parts; that the first be not undergone until after the termination of the second winter session; and the final examination not until after the termination of the fourth winter session.

2. That the first Professional Examination be conducted partly in writing and partly *vivâ voce;* and that such parts of it as admit of it be made as practical and demonstrative as may be possible.

3. That the second examination be conducted partly in writing, partly *vivâ voce;* and, as far as may be convenient and practicable, clinically.

4. That the Professional Examinations be held by the several licensing bodies (except in special cases), at stated periods, to be publicly notified each year.

5. That regular returns be required from the licensing bodies under Schedule A, stating the number of candidates who have passed their examinations and of those who have been rejected; and that the examining bodies should be invited to express their opinion on the general character of the examinations as to the qualifications of the candidates.

Signed, on behalf of the General Medical Council,
B. C. BRODIE, *President.*

REGULATIONS
OF
UNIVERSITIES, COLLEGES, AND MEDICAL EXAMINING BOARDS IN ENGLAND.

UNIVERSITY OF OXFORD.

Chancellor—The Earl of Derby.
High Steward—The Earl of Devon.
Vice-Chancellor—David Williams, D.C.L.
Registrar—Edward Rowden, Esq.
Professors—Regius Professor of Medicine, H. W. Acland, M.D.
Sherardian Professor of Botany: C. G. B. Daubeny, M.D.
Lichfield's Clinical Medicine: H. W. Acland, M.D.
Aldrichian Professor of Anatomy: (Vacant.)
Aldrichian Professor of Chemistry: B. C. Brodie, B.A.
Lee's Lecturer in Anatomy: G. Rolleston, M.D.

EXERCISES FOR DEGREES.

For the Degree of M.B.—The student must pass all the examinations necessary for the degree of B.A., though it is not essential that he take that degree.

In Medicine, all students are to be examined in the Theory and Practice of Medicine, Anatomy, Physiology, Pathology, Materia Medica, Chemistry, and Botany, and in two at least of the following ancient medical writers: Hippocrates, Aretæus, Galen, and Celsus. Examination once yearly in Trinity Term.

For a Doctor's degree in Medicine, a dissertation upon some subject, to be approved of by the Regius Professor of Medicine, is to be publicly recited in the schools, and a copy of it afterwards delivered to the professor. Degrees are conferred each week in term time.

The Radcliffe Travelling Fellowship of £200 per annum for three years will be offered for competition every year.

RADCLIFFE INFIRMARY, OXFORD.

Number of beds, 162.

Physicians—Drs. H. W. Acland, G. Rolleston, and G. W. Child.
Surgeons—J. T. Hester, E. L. Hussey, R. J. Hansard, and F. Symonds, Esq.
House-Surgeon and Apothecary—E. Gray.

Clinical instruction in the Infirmary, from November to March, by Dr. Acland, the Clinical Professor to the University.

UNIVERSITY OF CAMBRIDGE.

Chancellor—H. R. H. the Prince Consort.
High Steward—Lord Lyndhurst.
Vice-Chancellor—W. H. Bateson, D.D.
Registrar—J. Romilly, M.A.
Professors—Regius Professor of Physic: H. J. H. Bond, M.D.
Professor of Chemistry: James Cumming, M.A.
Professor of Anatomy: William Clark, M.D.
Professor of Botany: Rev. J. S. Henslow, M.A.
Downing Professor of Medicine: W. W. Fisher, M.D.
Linacre Lecturer of Physic: G. E. Paget, M.D.

NEW REGULATIONS, CONFIRMED FEB. 17TH, 1859.

For the degree of Bachelor of Medicine.—Five years of medical study are required, with the exception of medical students who have graduated as Bachelors of Arts, in whose case four years of medical study are deemed sufficient.

Of the time required to be spent in medical study, six terms to be spent in the University, commencing not earlier than after the expiration of the first three terms of residence, provided that four terms so spent shall suffice in the case of any B.A. who shall have taken an honour in the Mathematical, Classical, Natural Sciences, or Moral Sciences Tripos.

Two Examinations take place for the degree of Bachelor of Medicine. The first examination may be passed by the student after the completion of three years of medical study, and the second after the completion of the course of medical study.

The course of study previous to the first examination consists of one course at least of lectures on each of the following subjects:—Chemistry (including manipulations), Botany, Elements of Comparative Anatomy, Human Anatomy and Physiology, Pathology, Materia Medica and Pharmacy; and the practice of dissection during one session at least. The certificates must show that the lectures on Pathology were attended subsequently to those on Chemistry and Human Anatomy and Physiology, and the lectures on Materia Medica and Pharmacy subsequently to those on Chemistry and Botany.

As evidence of medical study in the University, every student is required to produce certificates of diligent attendance in each term on courses of lectures on some two of the following subjects:—Chemistry, Botany, Human Anatomy and Physiology, Comparative Anatomy, Materia Medica and Pharmacy, Pathology; or of diligent attendance in each term on a course of lectures on some one of those subjects, and *also* on the medical practice of Addenbrooke's Hospital. Certificates to be deemed satisfactory if the lectures be delivered either by a professor of the University, or by a graduate of the University approved by the Senate.

The first examination is in Chemistry, Botany, Elements of Comparative Anatomy, Human Anatomy and Physiology, Materia Medica and Pharmacy, Pathology; Celsus, the Aphorisms and Epidemics of Hippocrates, Aretæus on the Causes and Signs of Disease.

Previous to the second examination the student is required to produce certificates of having attended one course at least of lectures on Clinical Medicine, Clinical Surgery, Medical Jurisprudence, and Obstetrical Medicine.

The second examination is in Pathology and the Practice of Physic, Clinical Medicine, Medical Jurisprudence, and the medical treatment of surgical and obstetrical diseases.

The first and second examinations for the degree of M.B. take place each twice annually: first, in the week immediately succeeding that in which the division of the Michaelmas term falls; secondly, in the week immediately succeeding that in which the division of the Easter term falls. The examinations to be conducted principally by written questions and answers.

The candidate for the degree of M.B. is required to produce certificates of having attended hospital practice during three years.

The student of medicine, whether B.A. or not, may be admitted to the degree of Bachelor of Medicine in the eleventh term after the completion of his first term of residence.

The inauguration of Bachelors of Medicine and perfecting of their degree in every year is on the day of the Magna Comitia.

For the degree of Doctor in Medicine.—All persons are required to produce certificates of having been engaged in medical study during five years.

Masters of Arts to produce the same certificates of attendance on lectures and hospital practice, and pass the same examinations, as are required for the degree of M.B.; except persons who have obtained honours in the Natural Sciences Tripos and passed with distinction the examination in Botany, Chemistry, or Comparative Anatomy. Candidates possessing such certificates will not be required to be examined again in those subjects.

Medical study out of the University will in all cases be understood to mean study at some well-known school of medicine which has been recognised by the Board of Medical Studies.

ADDENBROOKE'S HOSPITAL, CAMBRIDGE.

Physicians—Drs. Henry J. H. Bond, G. E. Paget, and Wm. W. Fisher.
Consulting Surgeon—Mr. John Okes.
Surgeons—Mr. Chas. Lestourgeon, Mr. Josiah Hammond, Dr. George M. Humphry.

Fees.—For six months' attendance, £8 8s.; twelve months', £10 10s.; unlimited, £15 15s.

Clinical lectures are delivered weekly by the physicians, and a course of lectures on the Principles and Practice of Surgery by Dr. Humphry.

UNIVERSITY OF LONDON.

Burlington House.

Visitor—Her Majesty the Queen.
Chancellor—The Earl Granville, K.G.
Vice-Chancellor—Sir John G. Shaw Lefevre, K.C.B.
Registrar—W. B. Carpenter, M.D.
Clerk to the Senate—Mr. H. Moore.

EXAMINERS IN THE FACULTY OF MEDICINE.

Medicine: Dr. Archibald Billing, Dr. Alexander Tweedie.
Surgery: Professor Fergusson, Mr. T. B. Curling.
Anatomy and Physiology: Mr. Kiernan, Dr. Sharpey.
Physiology and Comparative Anatomy: Mr. T. H. Huxley.
Midwifery: Dr. Edward Rigby.
Chemistry: Dr. A. S. Taylor.
Botany: Rev. J. S. Henslow.
Materia Medica and Pharmacy: Dr. G. Owen Rees.

EXAMINATIONS FOR THE DEGREE OF BACHELOR OF MEDICINE.

Candidates for the degree of Bachelor of Medicine are required—1. To have been engaged during four years in their professional studies at one or more of the institutions or schools recognised by this University. 2. To have spent one year at least of the four in one or more of the recognised institutions or schools in the United Kingdom. 3. To pass two examinations.

FIRST EXAMINATION.

The first examination commences on the first Monday in August. The candidate is required to produce certificates—1. Of having completed his nineteenth year. 2. Of having taken a degree in Arts in a University in the United Kingdom, or of having passed the matriculation examination. 3. Of having been a student during two years at a medical school recognised by this University, subsequently to having taken a degree in Arts, or passed the matriculation examination. 4. Of having attended a course of lectures on each of four of the subjects in the following list:—Descriptive and surgical anatomy, general anatomy and physiology, comparative anatomy, pathological anatomy, chemistry, botany, materia medica and pharmacy, general pathology, general therapeutics, forensic medicine, hygiene, midwifery and diseases peculiar to women and infants, surgery, medicine. 5. Of having dissected during nine months. 6. Of having attended a comprehensive course of practical chemistry. 7. Of having attended to practical pharmacy sufficiently to acquire a practical knowledge in the preparation of medicines. The fee for this examination is £5. Candidates are examined in anatomy, physiology, chemistry, botany, (a syllabus of which may be had by application at the office of the University,) and materia medica and pharmacy; they are also required to translate passages from the Latin Pharmacopœia. In the week next following the examination, the examiners arrange in two divisions such of the candidates as shall have passed; and a certificate, signed by the registrar, is delivered to each of such candidates.

SECOND EXAMINATION.

The second examination commences on the first Monday in November. No candidate is admitted to this examination within two academical years of the first examination. Certificates required—1. Of having passed the first examination. 2. Of having subsequently attended a course of lectures on each of two of the subjects in the foregoing list, and for which the candidate did not present certificates at the first examination. 3. Of having, since the first examination, dissected during six months. 4. Of having conducted at least six labours. 5. Of having attended the surgical practice of a recognised hospital or hospitals during twelve months, and lectures on clinical surgery. 6. Of having attended the medical practice of a recognised hospital or hospitals during other twelve months, and lectures on clinical medicine. 7. Of having subsequently attended to practical medicine in a recognised hospital, infirmary, or dispensary during six months. 8. Of moral character from a teacher in the last school or institution at which he studied. The fee for this examination is £5. Candidates are examined in physiology (including comparative anatomy); general pathology, general therapeutics, and hygiene; surgery; medicine; midwifery; forensic medicine: they are also required to translate passages of the Latin Pharmacopœia

into English, and of the English Pharmacopœia into Latin, and to report on the cases of actual patients. In the following week the examiners arrange in two divisions such of the candidates as shall have passed; and a certificate under the seal of the University, and signed by the Chancellor, is delivered to each of such candidates.

EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

The examination commences on the fourth Monday in November. Certificates required—1. Of having taken the degree of Bachelor of Medicine in this University. 2. Of having attended, subsequently to having taken the degree of Bachelor of Medicine, (a) to clinical or practical medicine during two years in a medical institution recognised by this University; (b), or, to clinical or practical medicine during one year, and of having been engaged during three years in the practice of his profession; (c), or, of having been engaged during five years in the practice of his profession. (One year of attendance on clinical or practical medicine, or two years of practice, will be dispensed with in the case of those candidates who at the second examination were placed in the first division.) 3. Of moral character, signed by two persons of respectability. The fee for this examination is £10.

Candidates are examined in the following subjects:—Logic* and moral philosophy; medicine. A commentary on a case of medicine, surgery, or midwifery, at the option of the candidate. *Viva voce* interrogations on the answers to the printed papers, and on the commentary. The candidate is also required to report on cases of actual patients.

UNIVERSITY OF DURHAM.

Warden—The Venerable Charles Thorp, D.D., F.R.S.
Reader in Medicine—Denis Embleton, M.D., F.R.C.S.
Reader in Natural Philosophy—(Vacant.)
Lecturer in Chemistry—T. Richardson, M.A.
Registrar—The Rev. T. Chevallier, B.D.

Those students who matriculate at the University of Durham are enabled to proceed in the first place to a licence in medicine, and then to the degrees of Bachelor and Doctor of Medicine in that University.

The course required is as follows:—One year's residence in the University of Durham, and attendance on lectures similar to those given to students in Arts in their first year. At the end of the year all students in medicine must pass an examination in the rudiments of religion, literature, and science.

Students in medicine who have passed their first examination must have pursued their studies for three years, either in the University or in some other school of medicine within the United Kingdom, which has been received into connexion with the University by the authority of Convocation, before they are admitted to the final examination for a licence in medicine.

The school of medicine at Newcastle-upon-Tyne is in connexion with the University, and its officers and students, when matriculated, are recognised as officers and students respectively of the University in the faculty of medicine.

The medical schools of King's College, London, and Queen's College, Birmingham, are also recognised as schools in which students in medicine may pursue their studies.

ROYAL COLLEGE OF PHYSICIANS, LONDON.

Pall-mall East, Trafalgar-square.

President—Dr. Thomas Mayo.
Censors—Drs. Barker, Baly, F. Weber, and Gull.
Treasurer—Dr. Alderson.
Registrar—Dr. H. A. Pitman.
Harveian Librarian—Dr. W. Munk.
Secretary—Mr. W. Copney.

EXTRACT FROM BYE-LAWS.

Members.

1. Licentiates of the College who shall have been admitted Licentiates before Oct. 1st, 1859, and Extra-Licentiates of the College who shall be admitted Licentiates of the College under the Bye-laws enacted Feb. 16th, 1859, and Graduates in Medicine who shall be admitted Licentiates of the College before March 1st, 1860, under the Bye-laws enacted Feb. 16th, 1859, shall, from and after Oct. 1st, 1859, be styled Members of the College, provided always that they have, since their admission as Licentiates, obeyed the Bye-laws, and do engage henceforth to obey the Bye-laws of the College.

2. The Members of the College shall be alone eligible to the Fellowship. They shall have the use of the Library and Museum, subject to the regulations relating thereto, and shall be admitted to all Lectures, and shall enjoy such further privileges as may from time to time be defined by the Bye-laws; but they shall not be entitled to any share in the Government, nor to attend or vote at General Meetings, of the Corporation.

3. Any person not engaged in the practice of Pharmacy who shall have satisfied the College touching his knowledge of medical and general science and literature, and who shall comply with such regulations as are or shall be required by the Bye-laws, may be proposed to the College to receive a Licence to practise Physic, as a Member of the College. The decision of the College shall be determined by ballot.

4. Every candidate for a Member's Licence shall furnish proof that he has attained the age of twenty-five years.

5. Every candidate for a Member's Licence shall produce a testimonial from a Fellow or Member of the College, satisfactory to the Censors' Board, to the effect that, as regards moral character and conduct, he is a fit and proper person to be admitted a Member of the College.

6. Every candidate for a Member's Licence (except such as shall be admissible under the provisions of cap. xiii., sect. 15) shall produce proof of his having been engaged, during a period of five years, in the study of medicine, at a medical school or schools recognised by the College.

7. Every candidate for a Member's Licence who has not taken a degree in medicine at an University in the United Kingdom (except such as shall be admissible under the provisions of chap. xiii., sect. 15) shall produce evidence, satisfactory to the Censors' Board, of having studied the following subjects:—Anatomy, with dissections; physiology; chemistry, with practical chemistry; materia medica and botany; theory and practice of medicine; morbid anatomy; principles of surgery; midwifery, and the diseases of women and children; forensic medicine;—of his having attended diligently during three years the medical practice, and during nine months the surgical practice of an hospital containing at least 100 beds; and of his having served the office of clinical clerk during at least six months.

8. Every candidate for a Member's Licence who has prosecuted his studies abroad, whether in part or to the full extent required by the preceding regulations (except such as shall be admissible under the provisions of cap. xiii., sect. 15), shall, nevertheless, bring proof of his having attended during at least twelve months the medical practice of an hospital in the United Kingdom containing 100 beds.

9. If the Censors' Board should doubt the sufficiency of the certificates and testimonials produced by any candidate, or his fitness in any respect for admission to examination, they may submit the case to a general meeting of the Fellows.

10. No candidate shall be admitted to examination who uses, for the sake of gain, any remedy which he keeps secret.

11. No candidate shall be admitted to examination who is engaged in trade, or who practises pharmacy, or makes any engagement with a chemist or any other person for the supply of medicine from which profit is derived, or who practises physic or surgery in partnership, by deed or otherwise, so long as that partnership continues.

12. Every candidate for a Member's Licence (except in cases specially exempted) shall have given proof of his acquirements by written answers to questions placed before him, and shall have been examined *viva voce* at three separate meetings of the Censors' Board, and shall have been approved by the President and Censors, or by the major part of them, at each examination.

13. The examination shall be conducted as follows:—The candidate shall be examined in physiology, in pathology, and in therapeutics, in three separate examinations, by written questions as well as *viva voce*, before three meetings of the Censors' Board. In each of the examinations in writing, as well as at each of the *viva voce* examinations, he shall be required to translate into Latin or English a passage from a Greek medical work, and into English a passage from a Latin medical work; or he may, in lieu of translating the Greek passage, give proof of a competent knowledge of one or more of the modern European languages. At or in connexion with the second examination before the Censors' Board, the candidate's knowledge of practical medicine may be tested by requiring him to examine persons labouring under disease, and to describe morbid specimens. At the commencement of the first *viva voce*

* The subjects of the examination in Logic and Moral Philosophy are as follows:—Names, Notions, and Propositions; Syllogism; Induction and Subsidiary Operations; the Senses; the Intellect; the Will, including the Theory of Moral Obligation.

examination, the candidate shall, if required, declare in writing at what university or schools he has studied general literature and science, and what honours have been conferred upon him, in regard to his knowledge of literature, science, or medicine; and such declaration shall, if it seem fit, be recorded in the annals of the College.

14. When the candidate for a Member's Licence has already obtained the degree of Doctor or Bachelor in Medicine at an University in the United Kingdom, after a course of study and an examination satisfactory to the Censors' Board, he shall be exempt from all parts of the examinations hereinbefore described, except such as relate to pathology and therapeutics.

15. In case of any candidate who has attained the age of forty years, the rules laid down in Sections 6, 7, and 8, may be dispensed with. He shall, however, produce testimonials of moral character and conduct, and of general and professional acquirements. The Censors' Board, having examined and considered these testimonials, may, if they see fit, submit them to the Fellows at a general meeting, and it shall be determined by the votes of the Fellows present, or of the majority of them, taken by ballot, if required, whether the candidate shall be admitted to such examination as the Censors' Board may deem sufficient.

16. Any candidate not approved by the Censors' Board shall not, except by special permission of the College, be readmitted to examination until after the lapse of a year.

17. Every candidate approved by the Censors' Board shall be proposed, at the next general meeting of Fellows, as qualified to receive a Licence to practise Physic as a Member of the College; and if the majority of the Fellows present shall consent (the votes being taken by ballot), he shall forthwith, on complying with the regulations prescribed by the Bye-laws, receive a Licence to practise Physic as a Member of the College.

The fee to be paid for admission as a Member of the College is thirty guineas.

EXTRACTS FROM BYE-LAWS, DATED FEB. 16TH, 1859.

On the Admission of Extra-Licentiates as Licentiates.—Each of the present extra-licentiates who shall have produced testimonials as to character satisfactory to the said Censors, and shall have assured the said Censors that he is not engaged in the practice of pharmacy, and who shall comply with such other regulations as are required by the bye-laws of the said corporation, may receive a licence from the said corporation, and be admitted a licentiate of the same, on his paying to the said corporation a fee of £5 5s., exclusive of the stamp duty, any bye-law of the College to the contrary notwithstanding.

On the Admission of Graduates and Licentiates of Universities as Licentiates.—Every person practising as a physician in England or Wales, and who shall, after regular examination, have taken the degree of Doctor in Medicine at any University in the United Kingdom of Great Britain and Ireland, at least three calendar months previously to the first day of March, 1859, and also every person who shall have received a licence to practise physic from any one of the Universities of Oxford or Cambridge or Dublin, or who shall, after regular examination, have taken the degree of Bachelor in Medicine at either of the Universities of Oxford, Cambridge, London, Dublin, or Durham, and also every person practising as a physician in England or Wales, who, after regular examination, shall have taken the degree of Doctor in Medicine before the first day of October, 1858, at any foreign University approved by this College, and who shall not be engaged in the practice of pharmacy, may, at any time within twelve calendar months from the said first day of March, 1859, be admitted a licentiate of the said corporation, without any examination, on the production to the Censors of the said corporation of his diploma, and of such testimonials of character and professional qualifications as shall be satisfactory to such Censors, and on his assuring such Censors that he is not engaged in pharmacy, and who shall comply with such other regulations as are required by the bye-laws of the said corporation, and on his paying to the sai' rporation a fee of £10 10s., exclusive of the stamp duty, any bye-law of the College to the contrary notwithstanding.

On the Admission of Licentiates to the Fellowship.—During the period of twelve months, to be computed from the first day of March, 1859, the Council of the said College shall have the power to nominate such licentiates thereof, as in the opinion of the Council shall have distinguished themselves in the practice of medicine, or in the pursuit of science and literature, provided the licentiates so to be nominated shall have attained the age of thirty years, without any limitation as to the period during which such licentiates shall have been previously licentiates of the said corporation, to be proposed to the fellows for election as fellows at meetings of the fellows to be holden, with due notice, for this purpose, at any time before the expiration of the said twelve months, any bye-law of the College to the contrary notwithstanding.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.

Lincoln's-inn-fields.

President—J. M. Arnott, Esq.
Vice-Presidents—J. F. South and C. H. Hawkins, Esqs.
The Council—W. Lawrence, Esq., Sir B. C. Brodie, Bart.; E. Stanley, Joseph Swan, J. H. Green, J. Luke, Fred. C. Skey, J. Hodgson, T. Wormald, J. Bishop, G. W. Mackmurdo, F. Kiernan, W. Coulson, G. Gulliver, R. Partridge, J. Hilton, R. Quain, E. Cock, S. Solly, T. Tatum, and A. Shaw, Esqs.
Court of Examiners—President, J. H. Green, Esq.; Vice-Presidents, J. M. Arnott and J. Flint South, Esqs.: Wm. Lawrence, E. Stanley, C. H. Hawkins, J. Luke, F. C. Skey, J. Hodgson, and T. Wormald, Esqs.
Examiners in Midwifery—Dr. Arthur Farre, Dr. H. Oldham, and Dr. C. West.
Examiners for the Fellowship in Classics, Mathematics, and French—G. Smith, G. G. Stokes, and I. Brasseur, Esqs.
Professor of Human Anatomy and Surgery—J. Hilton, Esq.
Professor of Comparative Anatomy and Physiology—W. S. Savory, Esq.
Professor of Histology—J. T. Quekett, Esq.
Conservator of the Museum—J. T. Quekett, Esq.; 1st Assistant, Mr. T. H. Stewart; 2nd Assistant, Mr. J. Murie.
Librarian—Mr. J. Chatto.
Secretary—Mr. E. Belfour.
Assistant-Secretary—Mr. E. J. A. Trimmer.
Clerk—Mr. T. M. Stone.

Regulations of the Council respecting the Professional Education of Candidates for the Diploma of Member of the College.

I. Candidates will be required to produce the following certificates, viz.—

1. Of being twenty-one years of age.
2. Of having been engaged during four years in the acquirement of professional knowledge.
3. Of having studied practical pharmacy during three months.
4. Of having attended lectures on anatomy delivered not less frequently than four times in each week, during two winter sessions.
5. Of having performed dissections during not less than two winter sessions.
6. Of having attended lectures on physiology delivered not less frequently than twice in each week, during two winter sessions.
7. Of having attended lectures on surgery during two winter sessions.
8. Of having attended one course of lectures on each of the following subjects—viz., chemistry, materia medica, medicine, and midwifery.
9. Of having attended at a recognised hospital or hospitals in the United Kingdom the practice of medicine, and clinical lectures on medicine, during one winter* and one summer† session.
10. Of having attended at a recognised hospital or hospitals in the United Kingdom, the practice of surgery, and clinical lectures on surgery, during three winter and two summer sessions.

Those candidates who shall have pursued their studies in Scotland or Ireland will be admitted to examination upon the production of the several certificates required by the Colleges of Surgeons of Edinburgh and Ireland respectively from candidates for their diploma.

Preliminary Education.—It is the intention of the Council to institute an examination, or to require some equivalent evidence, of the candidate's proficiency in the ordinary branches of a liberal education.

II. Members or licentiates of any legally-constituted College of Surgeons in the United Kingdom, and graduates in surgery of any University requiring residence to obtain degrees, will be admitted for examination on producing their diploma, licence,

* The winter session comprises a period of six months, and, in England, commences on the 1st of October and terminates on the 31st of March.

† The summer session comprises a period of three months, and, in England, commences on the 1st of May and terminates on the 31st of July.

No provincial hospital will be recognised by this College which contains less than 100 patients; and no metropolitan hospital which contains less than 150 patients.

or degree, together with proof of being twenty-one years of age, and of having been occupied at least four years in the acquirement of professional knowledge.

III. Graduates in medicine of any legally-constituted College or University requiring residence to obtain degrees, will be admitted for examination on adducing, together with their diploma or degree, proof of having completed the anatomical and surgical education required by the foregoing regulations, either at the school and hospital of the University wherein they shall have graduated, or at one or more of the recognised schools and hospitals of the United Kingdom.

IV. Candidates who shall have attended, at recognised colonial hospitals and schools,* the medical and surgical practice and the several courses of lectures, with the dissections required by the foregoing regulations, will be admitted for examination upon producing certificates of such attendance, together with certificates of having attended in London, during one winter session, the surgical practice of a recognised hospital, and lectures on anatomy, physiology and surgery, with dissections.

V. Certificates will not be recognised from any hospital, unless the surgeons thereto be members of one of the legally-constituted Colleges of Surgeons in the United Kingdom; nor from any school of anatomy and physiology or midwifery, unless the teachers in such school be members of some legally-constituted College of Physicians or Surgeons in the United Kingdom; nor from any school of surgery, unless the teachers in such school be members of one of the legally-constituted Colleges of Surgeons of the United Kingdom.

VI. Certificates will not be received on more than one branch of science from one and the same lecturer; but anatomy and physiology will be considered as one branch of science.

VII. Certificates will not be received from candidates who have studied in London, unless they shall have registered their tickets at the College during the last ten days of January, March, and October in each year; nor from candidates who have studied elsewhere, unless their names shall duly appear in the registers transmitted during such studies from their respective schools.

N.B.—In the certificates of attendance on hospital practice and on lectures, it is required that the dates of commencement and termination be clearly expressed; and no interlineation, erasure, or alteration will be allowed.

Blank forms of the required certificates may be obtained on application to the secretary, to whom they must be delivered, properly filled up, ten days before the candidate can be admitted to examination; and all such certificates are retained at the College.

Regulations relating to the Examination for the Diploma of Member of the College.

I. The examination of candidates for the diploma of member of this College will be divided into two parts: the first relating to anatomy and physiology; the second relating to pathology, surgery, and surgical anatomy.

The first examination, on anatomy and physiology, will be made as practical and demonstrative as possible.

The second examination, on pathology, surgery, and surgical anatomy, will be partly written and partly oral; and the written part of this examination will have the precedence.

II. The examination on anatomy and physiology will be held in the months of April, May, July, November, and January.

The examination on anatomy will be on the recently dissected subject, and on prepared parts of the human body.

Candidates for these examinations are required to signify their desire of being admitted thereto not less than one month previous to the period of examination.

The fee of five guineas will be paid by each candidate prior to his examination on anatomy and physiology, and which fee will be allowed in the fee required on his admission as a member of the College.

Such students as shall have completed the second session of their anatomical studies, and shall be desirous thereof, will be admitted to the first or anatomical examination in November or January next. And from and after the 1st of March next, all candidates for the diploma of the College will be required to undergo the double examination.

* The recognition of colonial hospitals and schools is governed by the same regulations with respect to number of patients, to courses of lectures, and to physicians, surgeons, and lecturers, as apply to the recognition of provincial hospitals and schools in England.

Regulations relating to the Preliminary Examination of Candidates for the Diploma of Member of the College, which will come into operation from and after the 1st of January, 1861.

That candidates for the diploma of Member of this College who shall commence their professional education on or after the 1st of January, 1861, be required to produce one or other of the following certificates:—

1. Of graduation in Arts at a recognised University.
2. Of an examination for matriculation, or such other examination as shall, in either case from time to time, be sanctioned by the Council of this College; at an University in the United Kingdom; at a recognised University in the colonies; or at a recognised foreign University.
3. Of the Oxford or Cambridge Middle-class Examinations, either junior or senior.
4. Of the Preliminary Examination for the Fellowship of this College.
5. Of the Previous Examination of the University of Cambridge.

That candidates who shall not be able to produce one or other of the foregoing certificates, be required to pass an examination in English, classics, and mathematics, to be instituted at this College, and to be conducted by the Board of Examiners of the Royal College of Preceptors, under the direction and supervision of the Council of this College, and to include such subjects as may hereafter be determined by this Council. And that the special or particular subjects of examination be published in each preceding year, and the examination from time to time added to or increased, as the opportunities of education may be improved.

Regulations respecting the Professional Education of Candidates for the Certificate of Qualification in Midwifery.

1. Persons who were Fellows or Members of the College, prior to the 1st day of January, 1853, will be admitted to examination for the certificate of qualification in midwifery upon producing their diploma.

2. Persons having become Members of the College subsequently to the 1st of January, 1853, will be admitted to examination on producing their diploma, together with a certificate or certificates of having attended twenty labours.

3. Members or Licentiates of any legally-constituted College of Surgeons in the United Kingdom, and graduates in Surgery of any University requiring residence to obtain degrees, will also be admitted to examination on producing, together with their diploma, licence, or degree, proof of being twenty-one years of age; of having been occupied four years in the acquirement of professional knowledge; of having attended one course of lectures on midwifery, and of having attended not less than twenty labours.

4. Graduates in Medicine of any legally-constituted College or University requiring residence to obtain degrees, will also be admitted to examination on producing, together with their diploma or degree, proof of being twenty-one years of age; of having been occupied four years in the acquirement of professional knowledge; of having completed, at recognised schools, the anatomical and surgical education required of candidates for the diploma of Member of the College; of having attended one course of lectures on midwifery, and of having attended not less than twenty labours.

5. Persons having commenced their professional education, either by attendance on hospital practice, or on lectures on anatomy, prior to the 1st of January, 1853, will be admitted to examination on producing the several certificates of professional education required for admission to examination for the diploma of Member of this College at the period when such persons shall respectively have, in such manner, commenced their professional education.

6. Persons having commenced their professional education, either by attendance on hospital practice, or on lectures on anatomy, after the 31st day of December, 1852, will be admitted to examination on producing certificates of being twenty-one years of age; of having been engaged during four years in the acquirement of professional knowledge; of having completed, at recognised schools, the professional education required of candidates for the diploma of Member of this College; of having attended one course of lectures on midwifery and the diseases of women and children, and of having personally conducted thirty labours.

N.B.—The fee for the certificate is as follows—viz., 1. Persons who were Fellows or Members of this College prior to the 1st of January, 1853, two guineas. 2. Persons admitted Fellows or Members of this College subsequently to the 1st of

January, 1853, three guineas. 3, 4. Persons producing any other diploma or certificate of degree which may be considered by the Council to afford satisfactory proof of sufficient surgical and medical education, three guineas. 5, 6. All other persons, ten guineas.

Collegial Triennial Anatomical Prize, of Fifty Guineas.—The subject of this prize is, "The Anatomy and Physiology of the Supra-renal Bodies, illustrated by Drawings and Preparations."

Jacksonian Prize, of Twenty Guineas.—There are two prizes for the present year, (1859,) the subjects of which are, "The Structure and Treatment of Vascular Nævi, illustrated by Cases, Drawings, and Preparations;" and "The Morbid Changes in the Retina, as seen in the Eye of the Living Person and after Removal from the Body; together with the Symptoms associated with the several Morbid Conditions; illustrated by Cases, Drawings, and Preparations." There are also two subjects for prizes for the ensuing year, (1860),—viz., "The Healthy and Morbid Anatomy of the Prostate Gland," and "A Description of the Diseased Conditions of the Knee-joint which require Amputation of the Limb, and of those Conditions which are favourable for Excision of the Joint; with an Explanation of the Relative Advantages of both Operations as far as can be ascertained by Cases properly authenticated."

The dissertations for the Collegial Anatomical Prize must be delivered at the College before Christmas-day, 1861. The dissertations for the Jacksonian Prizes for the present year (1859) must be delivered at the College before Christmas-day next. The dissertations for the Jacksonian Prizes for the ensuing year (1860) must be delivered at the College before Christmas-day, 1860.

Information respecting the conditions upon which the above Prizes are awarded may be obtained on application to Mr. Belfour, at the Royal College of Surgeons.

SOCIETY OF APOTHECARIES.

Blackfriars.

Master—F. R. Gowar, Esq.
Wardens—J. Hunter, and W. Buchanan, Esqrs.
Court of Examiners—W. Dickinson, Esq., Chairman; W. P. Brodribb, Esq.; R. H. Robertson, Esq.; Dr. R. Norton; Dr. R. King; Dr. T. Peregrine; Dr. R. H. Semple; W. G. T. Dyer, Esq.; C. Taylor, Esq.; H. M. Rowdon, Esq.; T. R. Wheeler, Esq.; and Dr. J. Randall.
Secretary to the Court of Examiners—A. M. Randall, Esq.
Clerk to the Society—R. B. Upton, Esq.
Professor of Chemistry and Materia Medica—W. T. Brande, Esq., D.C.L., F.R.S.
Examiner for the Society's Prizes in Botany—J. D. Hooker, M.D., F.R.S., F.L.S.
Curator of the Botanic Garden—Mr. T. Moore.
Beadle—C. Rivers.

Candidates for the licence to practise will be required to produce testimonials—

1. Of having served an apprenticeship of not less than five years to an apothecary, legally qualified to practise, or of an apprenticeship of not less than five years to surgeons practising as apothecaries in Ireland and Scotland.

2. Of having attained the full age of twenty-one years: As evidence of age, a copy of the baptismal register will be required in every case where it can possibly be obtained.

3. Of good moral conduct: A testimonial of moral character from the gentleman to whom the candidate has been an apprentice will always be more satisfactory than from any other person. And,

4. Of having pursued a course of medical study in conformity with the regulations of the Court.

COURSE OF STUDY.

Every candidate whose attendance on lectures shall have commenced on or after the 1st of October, 1849, must attend the following lectures and medical practice—each winter session to consist of not less than six months, and to commence not sooner than the 1st, nor later than the 15th, of October; and each summer session to extend from the 1st of May to the 31st of July.

FIRST YEAR.—*Winter Session:* Chemistry, anatomy; dissections.—*Summer Session:* Materia medica and therapeutics; botany; practical chemistry.

SECOND YEAR.—*Winter Session:* Anatomy and physiology; dissections; principles and practice of medicine; clinical medical practice.*—*Summer Session:* Clinical medical practice;* midwifery and diseases of women and children, with attendance on not less than twenty (midwifery) cases; forensic medicine and toxicology; demonstrations on morbid anatomy.

THIRD YEAR.—*Winter Session:* Clinical lectures (seventy-five); clinical medical practice; demonstrations on morbid anatomy.

REGULATIONS DATED AUGUST, 1858.

REGISTRATION OF TESTIMONIALS.

All testimonials must be given on a printed schedule, with which students will be supplied at the first registration—

In London, at the Hall; in the provincial towns, from the gentlemen who keep the registers of the medical schools.

All students in London are required *personally* to register the several classes for which they have taken tickets.

Tickets of admission to lectures and medical practice must be registered in the months of October and May; but no ticket will be registered unless it be dated within *seven* days of the commencement of the course.

The Court also requires students at the provincial medical schools to register their names, in their own handwriting, within the first twenty-one days of October, and first fourteen days of May, and to register their certificates of having duly attended lectures and medical practice within fourteen days of the completion of such attendance.

PRELIMINARY EXAMINATION.

An examination in classics and mathematics for junior students will be held at the Hall three times in the year, commencing August, 1859, and ending July, 1860—viz., on the third Tuesday in the months of November, 1859, March and July, 1860, at eleven o'clock.

Medical students cannot be admitted to this examination before the commencement of their apprenticeship, a certificate of which will be required, but at any period from that date to the commencement of the second winter session of their curriculum.

N.B.—This examination is *compulsory* on all gentlemen who commenced their apprenticeship on or after August 1st, 1858, unless they shall have passed the middle-class examination of Oxford or Cambridge, or the matriculation examination of the University of London.

GENERAL EXAMINATION.

Every person intending to offer himself for examination must give notice in writing to the clerk of the Society, on or before the Monday previously to the day of examination, and must at the same time deposit all the required testimonials at the office of the beadle, where attendance is given every day, except Sunday, from ten until four o'clock.

The examination for candidates for a certificate of qualification to practise as apothecaries is divided into two parts.

*First Examination,** which may be passed after the second winter session (provided the candidate has completed the nineteenth year of his age), will embrace the following subjects: Latin, including the Pharmacopœia and physicians' prescriptions; anatomy; physiology; general and practical chemistry; botany; materia medica.

Second Examination, after the third winter session (the five years' pupilage being completed): Practice of medicine and pathology; midwifery, including the diseases of women and children; forensic medicine and toxicology.

No rejected candidate for the licence can be re-examined *until the expiration of six months from his former examination.*

The Court of Examiners meet in the Hall every Thursday, where candidates are required to attend at a quarter before four o'clock.

Sums to be paid for certificates:—

For London, and within ten miles thereof, ten guineas.

For all other parts of England and Wales, six guineas.

Persons having paid the latter sum become entitled to practise in London, and within ten miles thereof, by paying four guineas in addition.

ARMY MEDICAL DEPARTMENT.

6, Whitehall-yard.

Director-General—T. Alexander, Esq., C.B.
Head of Sanitary Branch—Inspector-General Dr. Logan, C.B., Honorary Physician to her Majesty.

* Medical practice must be attended during the full term of eighteen months: twelve months at an hospital connected with a recognised medical school, and six months either at a recognised hospital or dispensary.

* Every facility will be given to gentlemen, who have entered upon their studies previous to the above date, to enable them to present themselves for examination after the second winter session.

Head of Medical Branch—Deputy Inspector-General Dr. Mapleton.

Head of Statistical Branch—Deputy Inspector-General Dr. Balfour.

Staff Surgeons Fairbairn and Fitzgerald, to assist in the different duties of the office.

Chief Clerk—John Wimbridge, Esq.

Candidates for the Army Medical Service must not be under twenty-one nor over twenty-six years of age; they must be unmarried; and must possess a degree or licence to practise medicine, as well as a degree or licence to practise surgery, from one of the bodies enumerated in Schedule A of the Medical Act, and also produce the following testimonials:—

Eighteen months' attendance at an hospital, where the average number of in-patients is not less than 100; twelve months' anatomy; twelve months' practical anatomy; six months' physiology; twelve months' surgery, or (what is preferred) six months' surgery and six months' military surgery; eight months' clinical surgery; a complete course of two or three lectures during the week; twelve months' practice of physic, or six months' practice of physic and six of general pathology; eight months' clinical lectures on ditto, the same as required in surgery; twelve months' chemistry; six months' practical chemistry; three months' botany; three months' materia medica; three months' practical pharmacy, or apprenticeship; three months' natural history; three months' midwifery; three months' practical midwifery; one course of natural philosophy; one course of logic.

Diplomas, tickets of attendance on lectures, and certificates of regular attendance by each professor or lecturer, must be lodged at this office for examination and registry at least one week before the candidate appears for examination, likewise certificates of moral conduct and character, one of them by the parochial minister, if possible. Baptismal certificates are required at the same time, and if the parish register cannot be resorted to, an affidavit from one of the parents or some near relative who can attest the fact, will be accepted.

NAVAL MEDICAL SERVICE.

Admiralty Office, Somerset House.

Director-General of the Medical Department of the Navy—Sir John Liddell, C.B., M.D., F.R.S.

REGULATIONS.

A candidate for entry into the Royal Navy as assistant-surgeon shall make a written application to the Secretary of the Admiralty, on the receipt of which he will be furnished with a printed form to be filled up.

No person is admitted as an assistant-surgeon in the Royal Navy who does not produce a cetificate of being registered under the Medical Act, and a diploma from one of the Royal Colleges of Surgeons of England, Edinburgh, or Dublin; from the Faculty of Physicians and Surgeons of Glasgow; from Trinity College, Dublin; or from other corporate body legally entitled to grant a diploma in surgery: nor as a surgeon, unless he can produce a certificate from one of the said colleges, faculty, or corporate body, founded on an examination to be passed subsequent to his appointment of assistant-surgeon, as to his fitness for the situation of surgeon in the Navy; and in every case the person producing such diploma and certificate shall also undergo a further examination, touching his qualifications in all the necessary branches and points of medicine and surgery, both at the time of his entry and after serving three years, to render himself eligible for surgeon. Previously to the admission of assistant-surgeons into the Navy, it will be required that they produce proof of having received a preliminary classical education, and that they possess in particular a competent knowledge of Latin; also, that they are of good moral character, the certificate of which must be signed by the clergyman of the parish or by a magistrate of the district; that they have served an apprenticeship, or have been engaged for not less than six months in practical pharmacy; that their age be not less than twenty nor more than twenty-six years; that they have actually attended a recognised hospital for eighteen months subsequently to the age of eighteen, in which hospital the average number of patients is not less than 100; that they have been engaged in actual dissections of the human body twelve months, the certificate of which, from the teacher, must state the number of subjects or parts dissected by the candidate; that they have attended lectures, &c., at the recognised Colleges of Physicians and Surgeons in the United Kingdom for periods not less than hereunder stated; observing, however, that such lectures will not be admitted if the teacher shall lecture on more than one branch of science, or if the lectures on anatomy, surgery, and medicine be not attended during winter sessions of six months each.

Anatomy, eighteen months; or general anatomy, twelve months, and comparative anatomy, six months.

Surgery: general surgery, twelve months; or military surgery, six months, and general surgery, six months.

Theory of medicine and practice of ditto, six months each. If the lectures on the theory and practice of medicine be given in conjunction, then the period required is twelve months.

Clinical lectures (at an hospital as above) on the practice of medicine and on the practice of surgery, six months each.

Chemistry, six months; or lectures on chemistry, three months, and practical chemistry, three months.

Materia medica, six months.

Midwifery, six months.

Botany, three months.

H.M. EAST INDIAN MEDICAL SERVICE.

India Office, Leadenhall-street.

Examining Medical Officer to the Secretary of State for India in Council—J. R. Martin, F.R.S.

REGULATIONS FOR THE ADMISSION OF CANDIDATES FOR THE APPOINTMENT OF ASSISTANT-SURGEON.

All natural born subjects of her Majesty between twenty-one and twenty-eight years of age, and of sound bodily health, may be candidates as assistant-surgeons.

They must subscribe and send in to Mr. J. Ranald Martin, ten days before the period fixed for each examination, a declaration to the following effect:—

"I (Christian name and surname at full length), a candidate for employment as assistant-surgeon in her Majesty's Indian medical service, do hereby declare that I was years of age on the day of last, and that I labour under no constitutional disease or physical disability that can interfere with the due discharge of the duties of a medical officer; and I also attest my readiness to proceed on duty to India within three months of receiving my appointment."

This declaration must be accompanied by—

1. Proof of age, either by extract from the register of the parish in which the candidate was born, or by his own declaration.

2. A certificate of moral character, from a magistrate, or a minister of the religious denomination to which the candidate belongs, who has personally known him for at least two preceding years.

3. A diploma in surgery; or a degree in medicine, provided an examination in surgery be required for such a degree.

4. A certificate of having attended two courses of lectures of six months each on the practice of physic, and of having attended for six months the practice and clinical instruction of the physicians at some hospital containing on an average at least 100 in-patients; or of having attended one course of lectures, of six months, on the practice of physic, and clinical instruction for twelve months.

5. A certificate of having attended for three months the practical instruction given at one of the public asylums for the treatment of the insane.

6. A certificate of having attended for three months one of the institutions, or wards of an hospital, especially devoted to the treatment of ophthalmic diseases.

Candidates who may not have been able to attend the practice of an asylum for the insane, or of an ophthalmic hospital, for three months previous to their offering themselves for examination will not be excluded from examination, but will, if successful in obtaining recommendation for appointments, be required to produce certificates of having attended such practice during the interval between the examination and the time of proceeding to India.

7. A certificate of having attended a course of lectures on midwifery, and of having conducted at least six labours.

8. A certificate of having acquired a practical knowledge of cupping.

The examinations (in January and July) will be on surgery, medicine, anatomy (human and comparative), physiology, and natural history, by written questions, *viva-voce* interrogations, practical inspection of patients, and operations.

Assistant-surgeons must proceed to India within three months from the dates of their appointments.

Information on other particulars may be obtained on application at the Military Department, India Office.

The Medical Students' Daily and Hourly Hospital and Class Guide,

AND

TABULAR LIST OF THE PHYSICIANS, SURGEONS, TEACHERS, FEES, AND DAYS OF OPERATIONS AT THE HOSPITALS AND MEDICAL SCHOOLS OF THE METROPOLIS, FOR THE SESSION 1859-60.

LECTURES, ETC.	ST. BARTHOLOMEW'S HOSP. & COL.					CHARING-CROSS HOSPITAL & COLL.					ST. GEORGE'S HOSPITAL.				
	LECTURERS.	Days and Hours.	FEES. One Course.	Two Courses.	Perpetual.	LECTURERS.	Days and Hours.	FEES. One Session.	Two Sessions.	Full Period.	LECTURERS.	Days and Hours.	FEES. One Course.	Two Courses.	Perpetual.
WINTER SESSION.			£ s.	£ s.	£ s.			£ s.	£ s.	£ s.			£ s.	£ s.	£ s.
ANATOMY AND PHYSIOLOGY	Mr. Savory	Daily, 9	5 5	7 7	10 10	Dr. Hyde Salter	Daily (ex. S.) 3¼	4 4	6 6	7 7	Mr. A. Johnson	Tu., S., 2¼	6 6	...	8 8
ANATOMY, DESCRIPTIVE & SURGICAL	Mr. Skey Mr. Holden	Daily (ex. S.) 2¼	5 5	7 7	10 10	Mr. E. Canton	Daily (ex. S.) 9 A.M.	4 4	6 6	7 7	Mr. Pollock Mr. H. Gray	M., W., Th., F., 2¼	6 6	...	8 8
ANATOMICAL DEMONSTRATIONS	Mr. Callender Mr. T. Smith	Daily	3 3	5 5	...	Dr. Goldsbro'	Daily	2 2	4 4	4 4	Dr. Hastings Dr. Dickinson	Daily	...	...	...
CHEMISTRY	Dr. Frankland	M., F., 10½, W., 9½	5 5	...	7 7	Mr. R. V. Tuson	M., W., F., 10	5 5	6 6	7 7	Dr. H. M. Noad	Tu., Th., S., 11½	6 6	...	8 8
MEDICINE	Dr. G. Burrows Dr. Baly	M., W., F., 8 A.M.	5 5	...	7 7	Dr. Chowne Dr. Willshire	M., W., F., 2½	4 4	6 6	7 7	Dr. Pitman	M., W., F., 11½	6 6	...	6 6
SURGERY	Mr. Lawrence	M., W., Th., 7 P.M.	5 5	...	7 7	Mr. Hancock	Tu., Th., F., 5	3 3	5 5	6 6	Mr. Tatum	M., W., F., 4	4 4	...	6 6
HOSPITAL PRACTICE: PHYSICIANS...	Dr. Hue Dr. Burrows Dr. F. J. Farre Dr. Jeaffreson Dr. West (*occ.*)	...	6 mths. 10 10	18 mths. 15 15	Perpet. 31 10	Dr. Golding Dr. Chowne	Daily, 1	6 mths. 10 10	...	18 18	Dr. Page Dr. Bence Jones Dr. Pitman Dr. Fuller Dr. R. Lee, *occ.*	Daily, 1	6 mths. 8 8	12 mths. 16 16	Perpet. 25 4
ASSISTANT-PHYSICIANS ...	Dr. Black Dr. Baly Dr. Kirkes Dr. Martin	...	...	...	...	Dr. Willshire Dr. Hyde Salter	12 to 2	...	...	...	Dr. Barclay Dr. J. W. Ogle	...	...	...	...
SURGEONS	Mr. Lawrence Mr. Stanley Mr. Lloyd Mr. Skey	...	6 mths 15 15	12 mths. 21 0	Perpet. 31 10	Mr. Hancock Mr. E. Canton	1	6 mths. 10 10	...	18 18	Mr. C. Hawkins Mr. Cutler Mr. Tatum Mr. H. C. Johnson	Daily, 1	6 mths. 15 15	12 mths. 21 0	Perpet. 32 10
ASSISTANT-SURGEONS... ...	Mr. Wormald Mr. Paget Mr. M'Whinnie Mr. H. Coote	...	...	...	...	Mr. Hird Mr. Barwell	12 to 2	...	...	...	Mr. P. Hewett Mr. G. D. Pollock	...	...	...	...
CLINICAL MEDICINE... ...	Dr. Burrows Dr. Farre	Weekly	...	...	...	...	Weekly	...	...	...	...	Tu., S., 1¼	...	...	...
CLINICAL SURGERY	Mr. Lawrence Mr. Stanley Mr. Lloyd Mr. Skey	Weekly	...	...	...	...	...	...	...	...	...	Tu., S., 1¼	...	...	...
CLINICAL MIDWIFERY, &c.	Dr. West	Weekly Operations Sat. at 1½ Post-mort. exam., 12	...	...	...	...	... Operations Sat. at 2	...	...	...	Dr. R. Lee	... Operations Thurs. at 1	...	...	...
SUMMER SESSION.															
MATERIA MEDICA, &c. ...	Dr. F. J. Farre	Tu., Th., S., 9	4 4	...	6 6	Dr. Steggall	M., Tu., W., 9	4 4	5 5	6 6	Dr. Barclay	Daily (ex. S.) 2½	5 5	...	6 6
MIDWIFERY, &c.	Dr. West	Tu., W., F., S., 8	4 4	...	6 6	Dr. Chowne	M., Tu., W., Th., 2½	3 3	5 5	6 6	Dr. R. Lee	M., W., F., 9	6 6	...	6 6
BOTANY	Dr. Kirkes	M., W., F., 9	3 3	...	4 4	Mr. Syme	Daily, (ex. Wed.) 10	2 2	3 3	4 4	Mr. M. T. Masters	Daily (ex. S.) 12	3 3	...	4 4
MEDICAL JURISPRUDENCE	Dr. Black	Tu., Th., S., 10	3 3	...	4 4	Dr. G. Birkett Mr. Hird	M., W., F., 3½	2 2	3 3	4 4	Dr. Fuller	M., W., Th., F., 10	3 3	...	4 4
PRACTICAL CHEMISTRY ...	Dr. Frankland	M., Tu., Th., F., 10 to 1	2 2	...	3 3	Mr. R. V. Tuson	Tu., Th., F., S.	2 2	...	...	Dr. Noad	Daily, 9½	4 4	...	...
NATURAL PHILOSOPHY ...	...	...	...	...	...	...	W., Th., F., 11½	3 3	...	...	...	...	...	...	...
COMPARATIVE ANATOMY...	Mr. M'Whinnie	M., W., F., 10	2 2	...	3 3	Mr. Barwell	Tu. Th., S., 3½	3 3	...	...	Mr. A. Johnson (with Physiol.)	...	...	...	...
PATHOLOGY AND MORBID ANATOMY	Mr. Paget (with Physiology)	9	...	...	...	Dr. Salter (with Physiology)	...	...	...	...	...	...	...	...	...
MICROSCOPICAL ANATOMY	...	...	...	...	...	...	...	...	...	...	Dr. Ogle	In Winter	...	...	...
OPHTHALMIC SURGERY ...	...	...	...	...	...	...	...	...	...	...	Mr. Tatum	In Summer	...	...	...
DENTAL SURGERY	...	...	...	...	...	...	...	...	...	...	Mr. Vasey	Ditto	...	...	...
PRACTICAL PHARMACY ...	...	...	...	...	...	...	...	...	...	...	...	...	12 12	...	15 15
OPERATIVE SURG. (DEMONST.)	Mr. Wood Mr. Callender Mr. T. Smith	...	3 3	...	...	...	...	...	...	...	Mr. H. Gray	Ditto	4 4	...	...
FEE for all the Lectures required by the College and Hall ...	...	...	...	...	52 10	...	...	...	...	42 2	...	...	...	...	...
FEE for ditto, and Hospital Medical and Surgical Practice ...	...	...	...	...	94 10	...	...	...	...	73 12	...	...	...	...	96 12

THE MEDICAL STUDENTS' DAILY AND HOURLY HOSPITAL AND CLASS GUIDE—(CONTINUED.)

LECTURES, ETC.	GROSVENOR-PLACE SCHOOL, (*Adjoining St. George's Hospital.*)				GUY'S HOSPITAL.			KING'S COLLEGE AND HOSPITAL.				
	LECTURERS.	Days and Hours.	FEES. One Course.	FEES. Per-petual.	LECTURERS.	Days and Hours.	FEES —	LECTURERS.	Days and Hours.	FEES. One Course.	FEES. —	FEES. Per-petual.
WINTER SESSION.			£ s.	£ s.						£ s.	£ s.	£ s.
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	LECTURERS.	Days and Hours.	FEES. One Course.	FEES. Perpetual.	LECTURERS.	Days and Hours.	FEES. Sessional Course.	FEES. Perpetual.
WINTER SESSION.			£ s.	£ s.			£ s.	£ s.
ANATOMY AND PHYSIOLOGY	Dr. Martyn Dr. H. Fripp	M., S., 9½ W., F., 10½	5 5	9 9	Mr. R. M. Craven, jun. (Pathology)	Daily, 8 A.M.	5 5	8 8
ANATOMY, DESCRIPTIVE & SURGICAL	Mr. R. W. Coe Mr. C. Leonard	M., Tu., Th., S., 10½	5 5	9 9	Dr. King	Daily, 5	4 4	6 6
ANATOMICAL DEMONSTRATIONS	Mr. C. Leonard Mr. H. Ormerod Mr. T. E. Clark	...	...	...	Ditto	...	...	...
CHEMISTRY	Mr. Herapath	Daily, (ex. S.,) 9½	5 5	8 8	Dr. Beckett	Tu., W., Th. F., 8 P.M.	5 5	...
MEDICINE	Dr. Brittan	M., W., F., 9½	4 4	6 6	Dr. Daly	Daily, 3	5 5	7 7
SURGERY	Mr. H. Clark Mr. A. Prichard	Tu., Th., S., 6½ A.M.	4 4	6 6	Mr. J. H. Gibson	Tu., Th., S., 4	3 3	5 5
HOSPITAL PRACTICE	BRISTOL ROY. INFIRMARY.		12 mths		HULL GEN. HOSPITAL.			
PHYSICIANS	Dr. W. Budd Dr. Brittan Dr. Fairbrother Dr. E. L. Fox	Daily, 11½ to 2	15 0	25 0	Dr. Sandwith Sir H. Cooper Dr. Owen Daly	M., Th., Tu., F., W., S., 12 to 2	...	...
SURGEONS	Mr. Harrison Mr. Green Mr. Prichard Mr. Bernard M. H. A. Hore	Daily, 11½ to 2	20 0	35 0	Mr. W. J. Lowen Mr R. M. Craven Mr. K. King	M., Th., Tu., F., W., S., 12 to 2	...	...
SUMMER SESSION.								
MATERIA MEDICA, &c. ...	Dr. Burder	Daily, (ex. S.,) 9 A.M.	4 4	6 6	Mr. Carnley	Daily, 8 A.M.	5 5	7 7
MIDWIFERY, &c.	Dr. Swayne	Daily, (ex. S.,) 8	4 4	6 6	Mr. H. Gibson	Daily, 7 A.M.	4 4	6 6
BOTANY	Mr. T. E. Clark	M., Tu., Th., F., 10	3 3	5 5	Mr. Nevins	M., W., F., S., 3	3 3	...
MEDICAL JURISPRUDENCE	Mr. W. M. Clarke Mr. Herapath (Toxicology)	M., Tu., Th., F., 9	3 3	5 5	Mr. Munroe	M., W., F., S., 3	3 3	...
PRACTICAL CHEMISTRY ...	Mr. Herapath	Daily, (ex. S.)	3 3	...	Mr. Beckett	...	2 2	...
COMPARATIVE ANATOMY...	...	...	...	...	...	...	...	...
PATHOLOGY AND MORBID ANATOMY	...	...	...	...	...	...	...	...
HISTOLOGY	...	...	...	...	Mr. Munroe	...	...	...
OPHTHALMIC MEDICINE SURGERY	...	...	...	...	...	...	...	...
CLINICAL MEDICINE	...	W., 11½	...	...	Sir H. Cooper Dr. Sandwith	Twice Weekly	1 1	...
CLINICAL SURGERY	...	F., 11½ Operations Tu., F., 1½	...	...	Dr. Lunn Mr. Craven Dr. King	ditto	...	...
FEES for all the Lectures required by the College and Hall	...	...	exc. Prac. Chem.	5 £47	...	exc. Prac. Chem.	£ 42 0	
Ditto, and for Hospital Medical		...	...	...	...	...	64 1	

LECTURES, ETC.	LEEDS SCHOOL OF MEDICINE.					LIVERPOOL INFIRMARY. SCHOOL OF MEDICINE.		
	LECTURERS.	Days and Hours.	FEES. First Course.	FEES. Second Course.	FEES. Perpetual.	LECTURERS.	Days and Hours.	FEES. Courses required
WINTER SESSION.			£ s.	£ s.	£ s.			£ s.
ANATOMY AND PHYSIOLOGY	Mr. Ikin Mr Wheelhouse Mr. W. N. Price	M., Tu., Th., 12 M., W.,	4 4	3 3	...	Mr. Fletcher Mr. Waters	Daily, 8, and 9½ A.M.	8 8
ANATOMY, DESCRIPTIVE & SURGICAL	Dr. King	Daily, 5	6 6	5 5	...	Mr. Fletcher Mr. Waters	Daily, 6, (ex S.)	
ANATOMICAL DEMONSTRATIONS	Mr. T. P. Teale	Th., F., 10	...	...	...	...	...	5 5
CHEMISTRY	Mr. Morley Mr Scattergood	M., W., Th., F., 6	4 4	3 3	...	Dr. J. B. Edwards	Tu., Th., S., 4	5 5
MEDICINE	Dr. Chadwick Dr. Heaton	M., Tu., W., Th., 5	5 5	3 3	...	Dr. Inman	Daily, 5 (ex. S.)	5 5
SURGERY	Mr. Nunneley Mr. S. Hey	M., W., F., 8 P.M.	4 4	3 3	...	Mr. Long	4 days weekly, 6	5 5
HOSPITAL PRACTICE	LEEDS GEN. INFIRMARY.					LIVERPOOL ROYAL INF.		
PHYSICIANS	Dr. Wilson Dr. Chadwick Dr. Heaton	...	...	...	...	Dr. Vose Dr. Turnbull	10 to 1	6 mths. 10 10 12 mths. 18 18 3 years. 36 15
SURGEONS	Mr. Smith Mr. T. P. Teale Mr. Hey	...	...	...	...	Mr. Stubbs Mr. Long Mr. Bickersteth	10 to 1	
SUMMER SESSION.								
MATERIA MEDICA, &c. ...	Mr. Bishop	Daily, (ex. S.,) 5	4 4	2 2	...	Dr. J. B. Nevins	Daily, 8 A.M.	4 4
MIDWIFERY, &c.	Mr. Smith Mr Braithwaite	Daily, 7 A.M.	4 4	2 2	...	Mr. Batty Mr. Grimsdale Dis. of Children	Daily, 4	4 4
BOTANY	Mr. W. Hall	M., Tu., Th., F., 12	3 3	1 11 6	...	Mr. Collingwood	M., W., F., 9½	3 3
MEDICAL JURISPRUDENCE	Dr. P. Smith	M., Tu., W., F., 1	3 3	1 11 6	...	Dr. Cameron Dr. Edwards (Toxicology)	4 days, 3 M., Tu., Th., F., 3	3 3
PRACTICAL CHEMISTRY ...	Mr. Scattergood	M., Th., 3	2 2	...	...	Dr. Edwards	M., Th., 6	3 3
COMPARATIVE ANATOMY...	...	...	...	...	...	...	...	...
PATHOLOGY AND MORBID ANATOMY	(With Physiology)	...	...	...	...	Dr. Broadbent	W., 3	...
HISTOLOGY	...	...	...	...	...	...	...	...
OPHTHALMIC MEDICINE SURGERY	Mr. Nunneley	...	...	...	...	Dr. R. H. Taylor (Physiology)	Tu., F., 2	1 1
CLINICAL MEDICINE	Dr. Chadwick Dr. Heaton	Twice weekly	...	...	...	...	...	...
CLINICAL SURGERY	Mr. Smith Mr. Teale Mr. S. Hey	Twice weekly	...	...	...	...	...	...
FEES for all the Lectures required by the College and Hall	...	...	...	exc. Pract. Chem.	£43	...	...	£45
Ditto, and for Hospital Medical	...	...	...	...	...	...	...	£81 15

Fees for all the Lectures required by the College and Hall	...	52 10	...	...	...	42 0	...	...	exc. Prac. Chem.	25	...	exc. Prac. Chem.	£42 0	...	...	...	Pract. Chem.	£42	...	...	£45
Ditto, and for Hospital Medical	...	62 10	...	...	...	...	...	...	...	...	...	...	64 1	...	...	...	...	...	...	...	£81 15

THE MEDICAL STUDENTS' DAILY AND HOURLY HOSPITAL AND CLASS GUIDE FOR THE SESSION 1859-60 — (CONTINUED.)

LECTURES, ETC.	MANCHESTER ROYAL SCHOOL OF MEDICINE.			NEWCASTLE COLLEGE OF MEDICINE.					SHEFFIELD MEDICAL INSTITUTION.					YORK SCHOOL OF MEDICINE.			
	LECTURERS.	Days and Hours.	FEES. One Course.	LECTURERS.	Days and Hours.	FEES. One Course.	FEES. Two Courses.	FEES. Perpetual.	LECTURERS.	Days and Hours.	FEES. One Course.	FEES. Two Courses.	FEES. Perpetual.	LECTURERS.	Days and Hours.	FEES. One Course.	FEES. Perpetual.
WINTER SESSION.						£ s.	£ s.	£ s.			£ s.	£ s.	£ s.			£ s.	£ s.
ANATOMY AND PHYSIOLOGY	Mr. Turner Mr. W. Smith	Tu., W., F., 12	4 4	Dr. Embleton Mr. R. H. Wilson	Twice weekly 8 A.M.	4 4	...	...	Mr. Skinner Mr. Allanson Dr. C. Smith Dr. Eastwood	Daily, 4	4 4	...	...	Mr. E. Allen Mr. Hornby	Daily, 3½	6 6	10 10
ANATOMY, DESCRIP. & SURG.	Mr. Lund Mr. F. A. Heath	Tu., W., Th., F., 8½	4 4	Dr. T. F. M'Nay	Four days weekly, 9	...	...	...	...	...	...	...	...	...	...	...	...
ANAT. DEMONSTRATIONS ...	Mr. Lund Mr. F. A. Heath	...	...	Dr. T. F. M'Nay	Daily, from 11	3 3	...	...	Mr. H. Walker Mr. Benson	Daily, 1	2 2	...	...	Mr. Hornby Mr. North	M., W., F., 8., 9	4 4	7 7
CHEMISTRY	Mr. D. Stone	Tu., W., F., 1	4 4	Dr. T. Richardson Mr. E. J. Browell	W., Th., F., S., 8 A.M.	4 4	...	...	Dr. Bingley	Daily, 12	6 6	...	...	Mr. Proctor	Tu., W., F., 7 P.M.	5 5	7 7
MEDICINE	Dr. T. H. Watts Dr. H. Browne	M. 12, W. 2, F. 12	4 4	Dr. E. Charlton Dr. Embleton Dr. G. Robinson	M., W., F., 5	3 3	...	...	Dr. Bartolomé Dr. Law Dr. C. Smith	Daily, 5	4 4	...	...	Dr. Swaine	Daily (ex. S.) 10½	5 5	8 8
SURGERY	Mr. A. W. Dumville Mr. G. Southam	M. 1½, Tu. 2, Th. 1½	4 4	Mr. G. Y. Heath	M., W., F., 7	3 3	...	...	Mr. Barber Mr. Favell	3 days weekly, 7	3 3	...	...	Mr. Hey Mr. Keyworth	M., W., F., 4½	3 3	5 5
HOSPITAL PRACTICE:	MANCHESTER ROYAL INFIRMARY.	Daily, 10 to 12		NEWCASTLE INFIRMARY.					SHEFFIELD GEN. INFIRMARY.					YORK COUNTY HOSPITAL.			
PHYSICIANS	...	...	...	Dr. D. B. White Dr. E. Charlton Dr. Embleton Dr. T. Humble	...	6 months 5 5	12 months 7 7	Perpet. 17 17	Dr. C. Thomson Dr. Bartolomé	...	...	12 months, 10 10	Perpetual, 15 15	Dr. Simpson Dr. Shann	Daily, 12 to 2	18 months, 12 12	Perpetual, 15 15
SURGEONS	...	...	...	Sir John Fife Mr. G. Y. Heath Mr. Annandale Mr. C. J. Gibb	...				Mr. H. Jackson Mr. Gregory Mr. Barber	...	...	10 10	21 0	Mr. Hey Mr. Husband	Daily, 12 to 2	One year, 12 12	15 15
SUMMER SESSION.																	
MATERIA MEDICA	Mr. A. Somers	Tu., W., F., 12	4 4	Dr. T. Humble	Daily, 5	3 3	...	...	Dr. J. C. Shearman Dr. Jackson	Daily	4 4	...	...	Mr. O. A. Moore	Daily, 9½	5 5	7 7
MIDWIFERY, &c....	Mr. A. M. Heath Dr. Whitehead	M., T., W., Th., 9	4 4	Dr. S. M. Frost Dr. Dawson Dr. C. Gibson	Daily, 8 A.M.	3 3	...	...	Mr. W. Jackson	Daily, 5	3 3	...	...	Mr. J. Allen Mr. Anderson	Daily, 8 A.M.	3 3	5 5
BOTANY	Mr. Grindon	M., W., Th., 2	3 3	Mr. Sanderson Mr. Thornhill	M., W., Th., F., 9	3 3	...	...	Mr. Birks	Daily, 4	3 3	...	...	Mr. Ball	Daily, 5	2 12	4 4
MEDICAL JURISPRUDENCE...	Mr. Greaves Mr. G. M. Harrison	M., W., F., 1	3 3	Dr. Robinson Mr. W. Chater	M., Tu., Th., F., 4	3 3	...	...	...	Daily, 8 P.M.	3 3	...	...	Mr. Procter	4 days weekly, 10	2 12	4 4
PRACTICAL CHEMISTRY ...	Mr. D. Stone	Tu., Th., 1	3 3	Dr. T. Richardson Mr. E. J. Browell	Daily, 10 to 5	...	...	...	Dr. Bingley	...	...	...	...	...	...	...	...
PATHOLOGY & MORB. ANAT.	Dr. W. Roberts	M., Th., 12	4 4	Dr. S. Fenwick Mr. C. J. Gibb	W., 4	...	...	...	(with Physiology)	...	...	...	...	(with Physiology)	...	...	...
OPHTHALMIC SURGERY	Mr. Hunt Mr. Lund	...	2 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MILITARY SURGERY	...	...	...	Sir John Fife	...	...	...	...	...	...	...	...	...	...	...	...	...
OPERATIVE SURGERY	...	...	...	Mr. G. Y. Heath	...	...	...	...	...	...	...	...	...	...	...	...	...
PSYCHOLOGICAL MEDICINE	...	...	...	Dr. G. Robinson	...	...	...	...	...	...	...	...	...	Dr. Tuke	F., 4	...	...
CLINICAL MEDICINE	...	...	...	...	...	...	...	...	Dr. Bartolomé Dr. Law	...	...	...	...	Drs. Simpson, Shann, and Swaine	Twice weekly	...	...
CLINICAL SURGERY...	...	...	...	...	...	...	...	...	Mr. Jackson, Mr. Gregory, Mr. Barber	...	...	...	...	Mr. Husband	Th., 7 P.M.	...	...
MEDICAL ETHICS	...	...	...	Dr. Greenhow	...	...	...	...	...	...	...	...	...	...	...	...	...
Fee for all the Lectures required by the College and Hall	...	...	£42	...	...	...	exept. Pract. Chem.	£46 4	...	...	...	exept. Pract. Chem.	£42 0	...	...	...	£42 0

A TABULAR VIEW OF THE DAYS AND HOURS OF THE INTRODUCTORY LECTURES

To be delivered at the different Medical Schools in the Metropolis.

	Lecturers.	Days and Hours.
Guy's Hospital...	Dr. Habershon ...	Oct. 1st, 2
St. George's Hospital ...	Mr. H. C. Johnson...	,, 2
St. Mary's Hospital... ...	Mr. Ure	Oct. 3rd, 8
Grosvenor-pl. S. of Med...	Dr. Cockle	,, 3
Charing-cross Hospital ...	Mr. R. V. Tuson ...	Oct. 1st, 3
London Hospital	Mr. Critchett... ...	Oct. 3rd, 3
King's College	Dr. Miller	Oct. 1st, 2
University College	... ...	Oct. 3rd.
St. Bartholomew's College	Mr. Holden	,, 7
St. Thomas's College ...	Dr. D. Thomson ...	Oct. 1st, 3
Middlesex Hospital	Mr. Mitchell Henry	Oct. 3rd, 8
Westminster Hospital ...	Dr. R. Reynolds ...	,, 8

ADDITIONAL INFORMATION

To that contained in the Tables (pp. 310–313),

RELATIVE TO THE

MEDICAL SCHOOLS IN THE METROPOLIS,

FOR THE SESSION 1859–60.

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE.—*Dresserships:* Three months, twelve guineas; six months, eighteen guineas; twelve months, twenty-five guineas.

Two scholarships, of the value of £45, for one year, awarded in May, 1860—one for medicine, surgery, and midwifery; the other for anatomy, physiology, and botany. The Wix Prize for the best essay on the "Connexion between the Studies of Literature and Medical Science." The President's Prize for the best Report of Surgical Cases. The Treasurer's Prize for the best dissection, and the best practical examination on anatomy. The Bentley Prize will be given for the best report of medical cases. The Hichens Prize for the best examination in Bishop Butler's "Analogy of Natural and Revealed Religion." The Foster Prize for the greatest industry and skill in the dissecting-rooms. Mr. Lloyd's Prize—a Microscope—for the best report of cases under his charge. Other prizes of books, instruments, &c.

CHARING-CROSS HOSPITAL AND COLLEGE. — Matriculated students are admitted free to the lectures upon the Diseases of the Eye, delivered by Mr. Hancock, at the Royal Westminster Ophthalmic Hospital. Dr. Salter gives, in the summer, a short course of Microscopical Demonstrations, free to matriculated students. Free scholarships, medals, &c., are given. The fee for matriculation is £2 2*s.*, to be paid on entering.

ST. GEORGE'S HOSPITAL.—Pupils who desire to be members of the Royal College of Surgeons, or licentiates of the Society of Apothecaries, may qualify themselves for examination on paying £42 at the commencement of the first year; £42 at the commencement of the second year; and £12 12*s.* at the commencement of the third year. Fee to the apothecary, £1 1*s.*

Every pupil entering to the medical or surgical practice must hold the office of clinical assistant to one of the physicians or surgeons for two periods of two months each.

Pupils entering to the surgical practice must hold the office of dresser for two periods of two months each, and perpetual pupils will have the privilege of holding the office of dresser for two periods of four months each, without additional fee. The dresser of the surgeon of the week boards at the hospital free of expense. Perpetual pupils are eligible to be assistant house-surgeon for six months, and house-surgeon for twelve months (without additional fee), when properly qualified for the office. The office of obstetric assistant is also conferred without additional fee.

Exhibitions and Prizes.—The "William Brown Exhibition," of £40 per annum, tenable for three years, for "the best general fitness for the exercise of the medical profession." For first year's students, a prize of twenty guineas at the end of the session for general medical proficiency. Prizes of twenty guineas each for the encouragement of clinical study, to surgeons' and physicians' pupils in their second years respectively. Sir B. Brodie's Clinical Prize in Surgery for the best report of not fewer than twelve surgical cases. The Lewis Powell Clinical Prize for the best report of not fewer than twelve medical cases. The Thompson Medal for the best clinical report of medical and surgical cases observed in the hospital during the preceding twelve months. Sir Chas. Clarke's Prize for good conduct.

A Curator of the Pathological Museum is appointed annually, on the recommendation of the Medical School Council, with a salary of £50 per annum.

Two registrars are appointed annually, each with a salary of £20 per annum.

GROSVENOR-PLACE SCHOOL OF ANATOMY AND MEDICINE.—Gentlemen who have previously entered to lectures at any other recognised school in the United Kingdom will be admitted to any of the classes they have joined, on payment of half the perpetual fee of those classes.

Dr. Henry will deliver a course on the History of Medicine.

GUY'S HOSPITAL.—Clinical clerks, dressers, ward clerks, dressers' reporters, obstetric residents, and dressers in the eye wards, are selected according to merit from those students who have attended a second year. Each dresser (except those in the eye wards) has the privilege of rooms and commons in the hospital, free of charge, for one month of his course. The obstetric residents have the like privilege for two months each—one month as junior, another as senior. A resident house-surgeon is appointed every six months from those students who have obtained the College diploma.

Voluntary examinations will be held at four periods of the student's course as follows:—First: At entrance, on Monday, Oct. 17th. It will comprise elementary classics, ancient and modern history, and mathematics. The candidate who shall distinguish himself the most will receive £25; the second candidate, £20; and the third, £15.—Second: At the end of July, in the first year, on all the subjects of the first year's course of study; one sum of £30, and another of £25, will be given, according to proficiency.—Third: At the end of July in the second year, on the subjects which form the course of study up to that time; £35 and £30.—Fourth: At the end of July of the third year, on all the subjects of the curriculum; £40 and £35.

Two gold medals will be given annually by the treasurer to students at the end of their third year; one for clinical medicine and the other for clinical surgery.

Single courses of lectures will be attended on the following terms:—Anatomy, physiology, demonstrations and dissections, medicine, surgery, chemistry, midwifery, on the payment of five guineas for each course of lectures. Materia medica, medical jurisprudence, botany, practical chemistry, comparative anatomy, manipulative and operative surgery, on the payment of four guineas for each course. Fee for attendance on either the medical or surgical practice of the hospital—three months, £10 10*s.*; six months, £15 15*s.*; twelve months, or perpetual, £26 5*s.*

KING'S COLLEGE.—The physician's assistant, the physician-accoucheur's assistant, the clinical clerks, and the house surgeon and dressers, are selected by examination from amongst those matriculated students of the College who are pupils of the hospital. No fee is paid for any of these appointments.

The fees for matriculation amount to £4 15*s.* 6*d.*, and must be paid on entrance. Registration fee at hospital, 10*s.* 6*d.*

Scholarships. — Warneford Scholarships: Two of £25 per annum, for three years. One of £25 per annum for two years. College Scholarships: 1, one of £40 per annum, for two years; 2, one of £30, for one year; 3, three of £20, for one year. The Daniell Scholarship, of the annual value of £20. Two Medical Clinical Prizes, one of £3 for the winter session, and the other of £2 for the summer session; and two Surgical Clinical Prizes, of the same value. Two Medical Clinical Prizes, of the value of £8 and £4, given by Dr. Todd at the end of each winter session. A prize of £3 in each class, summer and winter.

LONDON HOSPITAL.—One medical pupil and two surgical pupils remain in the hospital, in rotation, day and night, for a week, and are provided with commons.

Fee for twelve months' additional dressership, during attendance on surgical practice, £5 5*s.* An assistant-dentist is elected for three months. A resident accoucheur for six months, and two house-surgeons for three months (subject to reappointment) are elected without any additional fee. Two gold medals are annually awarded to students who have most distinguished themselves in the performance of their duties at the hospital.

ST. MARY'S HOSPITAL.—Four resident medical officers board in the hospital; three are appointed for twelve months, and an obstetric officer for six months. Four non-resident medical officers and a medical and surgical registrar are appointed free of expense. Clinical clerks and dressers selected from the best-qualified students. All offices are awarded after competition.

Prizes are given in military surgery, comparative anatomy, natural philosophy, and practical anatomy.

MIDDLESEX HOSPITAL.—General students are required to perform the duties of medical clinical clerks for one-half of each session, and of surgical dressers during the other half. First-year's students will not enter upon their clinical duties until the first summer session. Three clinical assistantships awarded on competition to students who have completed their education in the school. It will be the duty of the clinical assistants to observe and record the cases in the hospital, and generally, in the absence of the medical officers, to carry out the treatment directed by them. They will reside and board in the hospital for one year free of expense.

Two house-surgeons are elected by competition from amongst the students who have completed their curriculum, and reside and board in the hospital free of expense. Fee twenty guineas.

Two prizes given in each winter and in each summer session to students who have most distinguished themselves at examinations in all the subjects of study. In the third session, the Hospital Prize, of the value of twenty guineas, awarded for the best clinical reports in medicine and surgery, and two prizes, of six and four guineas, for the next best reports in medicine and in surgery respectively. Clayton Prize: An annual prize, of the value of three guineas, awarded for proficiency in comparative anatomy.

ST. THOMAS'S HOSPITAL.—Special entries may be made to any course of lectures or to the hospital practice.

Prizes, &c.—In mathematics, classics, and ancient history, a prize of twenty guineas; in physics and natural history, in modern languages and modern history, a prize of £20 in each division. Prizes of thirty guineas and £20 and £10 in respect of general proficiency. Clinical clerks and dressers selected according to merit from amongst the students, and provided with rooms and commons. Prizes of £10 and £5 are awarded to the two most meritorious. The Cheselden Medal is awarded in respect of a special examination in surgery and surgical anatomy. Mr. Newman Smith gives a prize of £5 for the best essay on "Neuralgia." The Treasurer's gold medal is given annually for general proficiency and good conduct.

The house-surgeons, resident accoucheur, and dressers are chosen by examination from gentlemen who have obtained their professional diplomas, and an hospital registrar is selected, at a salary of £80 a year. All are provided with rooms and commons.

UNIVERSITY COLLEGE HOSPITAL.—Frequent examinations are held in every class.

Bandaging.—A course of practical instruction in the application of bandages and other surgical apparatus is given by Mr. Marshall, assistant-surgeon, in the summer term. Fee, £1 1s.

Practical Pharmacy.—Instruction for three months, £3 3s.; six months, £5 5s.

At the end of every session there will be awarded a Filliter exhibition of £30, as a prize for proficiency in pathological anatomy, and the "Longridge" exhibition of £40, as a prize for general proficiency. Fellowes' Clinical medals, one gold and one silver, and further certificates of honour, awarded for the best reports on medical cases. The Liston Clinical gold medal, and further certificates of honour, awarded for similar reports on surgical cases.

Analytical Chemistry.—The Birkbeck laboratory is open daily, from nine A.M. to four P.M. (on Saturday till one.) Fee, exclusive of the expense of materials, session, £26 5s.; six months, £18 18s.; three months, £10 10s.; one month, £4 4s.

Physicians' assistants, house-surgeons, midwifery assistants, physicians' clerks, surgeons' dressers, and ophthalmic-surgeons' assistants, are selected from pupils without additional payments. The physicians' assistants, obstetric assistant, and house-surgeons, reside in the hospital, paying for their board.

Surgical Scholarships. — An Atkinson Morley Surgical Scholarship, for the promotion of the study of surgery, will be awarded on the 16th of June in every year. Each scholarship will be of the annual amount of £45, and tenable for three years.

WESTMINSTER HOSPITAL MEDICAL SCHOOL.—In addition to the ophthalmic practice of the hospital, the students are permitted to attend the practice of the Royal Westminster Ophthalmic Hospital, without additional fee.

Clinical assistants, physicians' clerks, and surgeons' dressers, selected from the most qualified students, without additional fee.

Prizes awarded for general proficiency, clinical midwifery, and dental surgery.

Instruction in practical pharmacy, with opportunities for dispensing, may be obtained in the dispensary of the hospital. Fee, for three months, £5 5s.; six months, £7 7s.; twelve months, £10 10s.

Demonstrations and examinations upon the dissected subject will take place on Monday, Wednesday, and Friday evenings, from seven to nine o'clock, at the Westminster Hospital. Entrance fee, (perpetual,) £5 5s.

ADDITIONAL INFORMATION

To that contained in the Tables (*pp.* 314, 315),

RELATIVE TO THE

PROVINCIAL SCHOOLS OF MEDICINE IN ENGLAND,

FOR THE SESSION 1859–60.

QUEEN'S COLLEGE, BIRMINGHAM.—*Scholarships and Prizes for strictly Professional Knowledge.*—The Warneford Scholarships: Four scholarships, of £10 each, held for two years, conferred for diligence and good conduct. The Warneford gold medals, two prizes, for essays of a religious as well as scientific nature. Webster Prize: Five guineas to the student who may pass the best examination in French. Percy Prize: Books of the value of five guineas to the student who may pass the best examination in German. Ratcliff Prize, of books valued at ten guineas each, for the best essay on a subject chosen by the professors.

SYDENHAM COLLEGE, BIRMINGHAM.—This College has been removed from St. Paul's-square to Summer-lane, opposite to the General Hospital, in order to give the students every facility of attendance to hospital practice. Clinical prizes are given for reports of cases in the hospital.

BRISTOL ROYAL INFIRMARY.—This hospital contains 240 beds.

Fees.—Surgeon's pupil (dresser), first year, £30; second year, £25; third year, £20; for three years, at one payment, £65. Entrance fee, £5; and a subscription of £1 per annum to the library. The fee for apprenticeship to the house-surgeon, which includes five years' residence in the infirmary, and all the attendance on hospital practice required by the College of Surgeons and Apothecaries' Hall, is £315.

BRISTOL GENERAL HOSPITAL.—*Physicians:* Dr. S. Martyn, Dr. Geo. F. Barder, Dr. H. E. Fripp.—*Surgeons:* Mr. J. G. Lansdown, Mr. Jas. Godfrey, Mr. R. W. Coe, Mr. W. Michell Clarke.—*Physician-Accoucheur:* Dr. J. G. Swayne.—*Resident Surgeon:* Mr. F. P. Lansdown.

Medical or surgical practice: Six months, £6; one year, £10; perpetual, £20. Library fee, one guinea per annum. Dressership or clinical clerkship, five guineas for six months. Fee for the entire period of attendance required for the members' examination at the Royal College of Surgeons, and for licentiates' examination at Apothecaries' Hall, £33 3s.

LEEDS SCHOOL OF MEDICINE.—Three clinical clerkships and dresserships are at the disposal of the physicians and surgeons to the General Infirmary, and are gratuitous.

Clinical lectures are given on ophthalmic and aural practice at the Eye and Ear Infirmary, by Mr. Nunneley.

LEEDS PUBLIC DISPENSARY.—*Physicians:* Dr. Geo. Wilson, Dr. Charles Chadwick, Dr. J. D. Heaton.—*Surgeons:* Mr. W. R. Cass, Mr. Henry Chorley, Mr. C. G. Wheelhouse.—*Resident Medical Officer and Secretary:* Mr. J. W. Hopkins.—*Assistant Apothecaries:* Messrs. Heald and Keen.—*Dispenser:* Mr. Dunwell.

LIVERPOOL ROYAL INFIRMARY SCHOOL OF MEDICINE.—*Annual Exhibitions:* Royal Infirmary medical scholarship, value £42, consisting of a gold medal, value ten guineas, and six months' free board and residence, with dressership and clerk-

ship in the Royal Infirmary. Four exhibitions, value thirty guineas each, consisting of free board and residence at the Royal Infirmary for six months, with dressership, on award of the medical board.

LIVERPOOL ROYAL INFIRMARY.—Six dressers and six clinical clerks elected quarterly, by selection and examination. The office tenable for two successive periods. A clinical prize is instituted for annual competition.

Students are admitted to the practice of the Rainhill County Asylum, near Liverpool, for three months, on payment of a fee of four guineas, and to the practice of the Eye and Ear Infirmary, Liverpool.

LIVERPOOL NORTHERN HOSPITAL.—Terms for hospital attendance: Six months, nine guineas; one year, twelve guineas; unlimited, thirty guineas.

LIVERPOOL SOUTHERN HOSPITAL.—*Consulting Surgeons:* Messrs. Churton, Petrie, and Minshal.—*Physician:* Dr. Cameron.—*Surgeons:* Messrs. Nottingham, Hamilton, and Higginson.—*House-Surgeons:* Messrs. Bateson and Pemberton.—Hospital attendance: six months, nine guineas; one year, twelve guineas; unlimited, £31 10s. The hospital contains 120 beds, and is chiefly devoted to the reception of acute diseases and severe accidents. Clinical lectures delivered by the physician and surgeons.

LIVERPOOL EYE AND EAR INFIRMARY.—For three months' attendance on the practice, fee, three guineas. *Consulting Surgeon:* Mr. Hugh Neill.—*Surgeons:* Mr. John Poole, Dr. R. Hibbert Taylor, Dr. Nevins.—*Assistant-Surgeon:* Mr. T. Bickerton.

RAINHILL COUNTY ASYLUM, NEAR LIVERPOOL.—For three months' attendance on the practice, fee, four guineas. Certificates from these institutions are received by the examiner for H. M. East India Service.

LIVERPOOL COLLEGE OF CHEMISTRY, Duke-street, Liverpool.—*Founder and Principal:* Sheridan Muspratt, M.D., F.R.S.E.—*Assistant:* Mr. Martin Murphy.—Students working every day in the week, £16 16s.; four days, £15 15s.; three days, £13 13s.; two days, £12 12s.; one day, £10 10s.; half a day, £9 9s. Students may also attend one hour, two hours, or three hours, per day or per week. Fifty guineas in advance entitles to work in the laboratory every day for three years.

MANCHESTER ROYAL SCHOOL OF MEDICINE AND SURGERY.—Three scholarships offered for competition: one of £20 for third-year's students; one of £15 for second-year's students; and one of £10 for first-year's students, for general proficiency.

NEWCASTLE-ON-TYNE COLLEGE OF MEDICINE.—*Medical Scholarships in the University of Durham.*—Four scholarships, of £25 a year each, tenable each for four years by students pursuing their medical studies in the University or at Newcastle, and not of sufficient standing to proceed to a licence in medicine.

YORK SCHOOL OF MEDICINE.—Fee for perpetual attendance on both the medical and surgical practice of the York County Hospital, twenty-five guineas.

Pupils entering to the surgical practice allowed to dress the patients in their turn, without additional fee.

Pupils entering the surgical practice, or attending the surgical lectures, will be allowed to attend the practice of the Ophthalmic and Ear Institution without additional fee.

YORK DISPENSARY.—*Physicians:* Dr. Simpson, Dr. Shann, Dr. Swaine, and Dr. Tuke.—*Surgeons:* Mr. Dodsworth, Mr. W. Matterson, Mr. Moore, and Mr. Keyworth.

Surgeons to the Ophthalmic Institution.—Mr. Reed and Mr. Paley.

Surgeon to the Ear Institution.—Mr. O. A. Moore.

Attendance of the physicians and surgeons at the dispensary, Mondays, Wednesdays, Fridays, and Saturdays, at 11 A.M.

MEDICAL SOCIETIES AT THE COLLEGES AND HOSPITALS TO WHICH STUDENTS ARE ADMISSIBLE AS MEMBERS.

SOCIETIES.	PLACE OF MEETING.	TIME OF MEETING.
Abernethian Society	St. Bartholomew's...	Thurs., weekly, 8 P.M.
King's College Medical Society	King's College	Thurs., do. 7½ "
London Hosp. Collegiate Society	London Hospital ...	Thurs. alternate, 7½ "
Middlesex Hosp. Medical Society	Middlesex Hospital	—
Physical Society	St. Thomas's Hosp.	Thurs. alternate, 7 "
Pupils' Physical Society	Guy's Hospital	Saturday ..... 7 "
St. George's Hunterian Society	St. George's Hospital	Thurs. alternate, 8 "
University Coll. Medical Society	University College..	Thurs. do. 8 "

REGULATIONS

OF

UNIVERSITIES, COLLEGES, AND MEDICAL EXAMINING BOARDS IN SCOTLAND AND IRELAND.

UNIVERSITY OF EDINBURGH.

Principal—Sir David Brewster.
Dean of the Faculty of Medicine—Professor J. H. Balfour.
Secretary—Alexander Smith, Esq.
Faculty of Medicine—Dr. Christison, Dr. Lyon Playfair, Professor Millar, Drs. Traill, Bennett, Henderson, and Laycock, Professors Syme, Goodsir, Allman, and Dr. Simpson.

The session 1859–60 will be publicly opened on Tuesday, Nov. 1st, at two o'clock P.M., when an address to students will be delivered by the Principal.

Matriculation.—Every student in the faculties of arts, law, and medicine, before entering with any professor, must produce a matriculation ticket for the ensuing session. Tickets will be issued at the matriculation office in the College, every lawful day, from ten till four o'clock. Enrolment in the General Album is the only legal record of attendance in the University, except in the case of students of divinity.

Fees.—For matriculation in the General Album, 10s.; for summer session, 10s.; for graduation in medicine (stamp duty of £10 included), £25. (New statutes to be published hereafter.)

ROYAL COLLEGE OF PHYSICIANS, EDINBURGH.

President—Dr. Alexander Wood.
Vice-President—Dr. Maclagan.
Council—Dr. Seller, Dr. Fairbairn, Dr. Andrew, Dr. Bell, Dr. Gairdner, Dr. Ziegler.
Treasurer—Dr. A. H. Douglas.
Secretary—Dr. Rutherford Haldane.

ABSTRACT OF THE REGULATIONS RELATING TO ADMISSION TO THEIR FELLOWSHIP.

Fellows.—No one can be elected a fellow of the College till he has obtained the degree of Doctor in Medicine.

Graduates of foreign universities must submit to an examination—

1. Of a dissertation in English, on some subject in the practice of physic.
2. Of a *viva-voce* examination in English, chiefly on disease, but in part, also, on anatomy, chemistry, botany, and physiology.
3. The examiners may institute such examination as they may consider advisable for satisfying themselves that the candidate has received a competent education.

Non-resident Fellows.—The mode of election of a non-resident is the same as that of a resident fellow.

The fees for a resident fellowship amount to £130, and for a non-resident, £80, both inclusive of the stamp duty to Government.

Licentiates.—Graduates of British universities may be admitted licentiates without any previous trial or examination.

Duly-qualified practitioners (not being graduates) may be admitted till April 20th, 1860, on passing an examination in the practice of medicine, and producing testimonials of moral and professional character.

The fee for the licence is £10.

ROYAL COLLEGE OF SURGEONS OF EDINBURGH.

President—Dr. Robert Omond.
Council—Dr. James S. Combe, Dr. James Simson, Dr. Andrew Wood, Dr. Douglas Maclagan, Mr. Benjamin Bell, Dr. James Dunsmure.
Examiners—Dr. John Gairdner, Dr. James Simson, Dr. Richard Huie, Dr. Wm. Dumbreck, Dr. Archibald Inglis, Dr. Andrew Wood, Dr. P. S. K. Newbigging, Mr. Benj. Bell, Dr. James Dunsmure, Dr. Douglas Maclagan, Dr. John Struthers, Mr. James Spence.
Representative in Medical Council—Dr. Andrew Wood.
Inspector of Students' Course of Study—Dr. James Simson.
Conservator of Museum—Dr. W. R. Sanders.
Librarian—Dr. Archibald Inglis.
Treasurer—Dr. John Gairdner.
Secretary—Mr. John Scott.

Preliminary Instruction.—Every candidate for the diploma

must have received regular instruction in the elements of mathematics, including arithmetic and algebra; a knowledge of natural philosophy, and of the Latin language.

Professional Instruction.—The candidate must have been engaged in attending the following separate and distinct courses of lectures during a period of not less than twenty-seven months, including three winter sessions of six months' duration each:—Anatomy, two courses of six months each; practical anatomy, twelve months; chemistry, six months; practical chemistry or analytical chemistry, three months; materia medica and pharmacy, one course; physiology, practice of medicine, clinical medicine, principles and practice of surgery, clinical surgery, one course of six months of each. In addition to the above courses of surgery and clinical surgery, one course of six months of either of these, at the option of the student: Midwifery and the diseases of women and children, medical jurisprudence, botany, of each one course of three months.

The candidate must have attended at least six cases of labour (certified), and, for six months, a course of instruction in practical pharmacy, at the laboratory of a surgeon or apothecary, or of a chemist and druggist recognised by the College, or of a public hospital or dispensary; also, for twenty-four months, a public general hospital containing at an average eighty patients, or such an hospital for twenty-one months, and, for six months, the practice of a public dispensary specially recognised by the College.

Each student shall pay annually, on his first registration for the year, the sum of five shillings, and shall be provided with a ticket of admission to the Museum.

The book shall be closed for the registration of the winter classes on the 30th of November in each year; and of the summer or intermediate classes, at the end of the second week from their commencement.

Annual examinations in Latin and in Natural Philosophy.—The College having instituted an examination in Latin, and also an examination in natural philosophy, to take place on the first Saturday in December annually, without expense to the students, those who desire to avail themselves of either or both of these examinations must give in their names, addresses, and places of birth, to the officer, not later than two days prior to that day.

Candidates for the diploma of the College who have taken a degree in Arts from an university of the United Kingdom, or who have matriculated in any of those universities by passing examinations in classical literature, and in mathematical and physical science, or who have passed the examinations in the same departments conducted either by the Apothecaries' Company of London or by that of Dublin, or the middle-class examinations recently instituted by the English universities, will be exempted from examination in Latin and in natural philosophy.

Professional Examinations.—Candidates for the diploma of this College shall be subjected to two professional examinations, at separate sittings, conducted partly in writing and partly orally. The first shall embrace anatomy, physiology, chemistry, and botany; the second, surgery, medicine, midwifery, materia medica, and medical jurisprudence. The first examination shall take place not sooner than twenty-one months from the commencement of the candidate's attendance on his professional classes. The sum of £4 must be paid to the treasurer of the College for this examination, and will be considered as paid to account of the entire fee of £10 payable for the diploma.

The second examination shall be on the first and third Tuesdays of every month. No candidate shall be admitted to this examination before the termination of his last year's course of study. Every candidate will be required to produce to the inspector, and afterwards to the treasurer of the College—1st, satisfactory evidence of his having attained the age of twenty-one years; 2nd, the registered tickets and the certificates of his classes; and 3rd, a tabular statement (for which a printed form will be furnished by the officer) exhibiting the full amount of his professional education, and distinguishing the classes, hospitals, and dispensaries attended during each session of his studies. If he have been an apprentice, he must also insert the name of his master, the date of his indenture, and the length of time for which he was bound. This statement, accurately filled up, must be attested by his signature, and will be preserved by the College as a record.

In order to test more effectually the practical knowledge of candidates, specimens of anatomy and of the materia medica, chemical tests, the microscope, and surgical apparatus, will be employed during the examinations, and every candidate will be required to write out one or more formulæ of prescriptions.

Fees.—For the diploma of the College, £10; for the certificate of qualification to act as assistant-surgeon in the Navy, when no previous qualification has been received from the College, £4 19*s.* 6*d.*; for the certificate to assistant-surgeons of the Royal Navy, of qualification to act as full surgeons, £3 18*s.* 6*d.* if they have already received certificates, and £2 17*s.* 6*d.* if they have previously received the diploma of the College.

Regulations for the Fellowship.—Candidates must be twenty-five years of age, and must possess the diploma of the College, or of some other public body legally entitled to grant diplomas in surgery. Admission is by ballot, the name of the candidate, together with the names of his proposer and seconder, having been duly intimated in the billets calling two meetings. Three-fourths of the votes of those present are required for admission.

No fellow of the College is allowed to keep an open shop for the sale of drugs; to allow his name to be connected with advertisements or publications of an indelicate or immoral nature; to practise, or profess to practise, by advertisement or otherwise, by the use of or according to any secret remedy or method of treatment, or to connect himself with any person who does so; "nor in any other way to conduct himself inconsistently with the honour and decorum which become a fellow of the College."

All enactments are made at meetings of the whole College, the non-resident fellows being entitled to attend and vote. The annual election of office-bearers takes place at the October meeting.

Regulations for the Diploma.—The diploma of the College may be obtained either separately or jointly with that of the Royal College of Physicians of Edinburgh. (See the Regulations for the Joint Examination by the two Colleges. The course of study, and the preliminary examination, are the same for the separate diploma.) The professional examination is conducted exclusively by the College of Surgeons. The fee for the separate diploma is £10.

UNIVERSITY OF GLASGOW.

Principal—Thomas Barclay, D.D.
Clerk to Senate—Duncan H. Weir, A.M.
Faculty of Medicine—Drs. Lawrie, Macfarlane, T. Anderson, Allen Thomson, Walker Arnott, Rainy, Easton, Pagan, Buchanan, and Mackenzie.

Abstract of the Regulations for Degrees in Medicine and Surgery.

A candidate for the degree must produce written evidence of the following qualifications:—

1. A certificate of moral character, signed by two respectable persons, and evidence that he has attained the age of twenty-one years.

2. Evidence of having attended for four years, or four winter sessions of six months each, an university in which medical degrees are conferred, and medicine is regularly taught, or medical lectures delivered in London or Dublin. He must spend at least one of the four years at the University of Glasgow, and in each year he must have attended at least two courses of medical lectures of six months' duration. But if he shall spend only one year or session at the University of Glasgow, then he must attend not less than three courses of lectures delivered there, two of them at least being of six months' duration.

3. Certificates of attendance on all the following courses of instruction, each being of six months' duration, with the exception mentioned below:—Anatomy, chemistry, institutes of medicine, materia medica and pharmacy, surgery, practice of medicine, midwifery, anatomical dissections, botany, forensic medicine, practical chemistry, zoology, (three months,) general hospital (two years, of not less than nine months each, or eighteen months). The hospital must contain not fewer than eighty beds; clinical instruction in medicine and surgery must be given in it, and the student must spend at least one half of the period of his attendance in the physicians' wards.

4. Each candidate for a medical degree must lodge with the clerk of the Senate the above certificates, and a schedule of his course of study properly filled up; together with an essay composed by himself, in Latin or English, on some medical subject of his own selection, on or before the 1st of March or the 10th of June, for the respective terms of graduation.

The days appointed for conferring degrees in medicine and surgery are the last Wednesday in April and the first Wednesday in August.

The University fee for the degree of M.D. is £15 3*s.*; the

Government duty on stamp, £10; the fee for the degree of Chirurgæ Magister is £10 10s.

FACULTY OF PHYSICIANS AND SURGEONS, GLASGOW.

President—Dr. James Watson.
Visitor—Mr. W. Lyon.
Registrar—Dr. R. D. Tannahill.

Professional Instruction.—The candidate, who must be twenty-one years of age, must have been engaged in attending the following separate and distinct courses of lectures during a period of not less than twenty-seven months, in which must have been included three winter sessions of six months' duration each:—

Anatomy, practical anatomy, and surgery, of each two courses of six months (or surgery and military surgery, one course of six months each); chemistry, one course of six months; practical chemistry, one course of three months; institutes of medicine, practice of medicine, materia medica, midwifery and diseases of women and children, one course of six months each; jurisprudence, one course of three months; clinical medicine and clinical surgery, two courses of three months each; botany, one course of three months; general hospital, with at least eighty beds, twenty-one months; practical pharmacy, six months.

Each candidate shall be examined, partly orally, and partly by written question and answer.

The unsuccessful candidates shall be remitted to their studies for a period of not less than three months after a first rejection, and six months after a second, and their names shall be concealed.

An examination in Latin will be held in the first week of November and in May.

The regulation examination days are the first and third Tuesdays in each month.

The fee for the diploma is £10.

UNIVERSITY AND KING'S COLLEGE, ABERDEEN.

Chancellor.—The Earl of Aberdeen.
Lord Rector.—John Inglis, Esq.
Assessors to Lord Rector.—H. J. Baillie, M.P.; Alexander Matheson, M.P.; C. L. Cumming Bruce, M.P.; Sir J. Clark, Bart., M.D.
Principal.—Peter Colin Campbell, D.D.
Sub-Principal and Secretary.—David Thomson, M.A.

Regulations to be observed in granting the degree of M.B.

Students shall be entitled to the degree of M.B. who, being twenty-one years of age, have completed the curriculum appointed for the candidates for the degree of M.D., and having passed one *annus medicus*, at least, at King's College, shall, on examination, be found duly qualified; and the fees for such degrees shall be five guineas.

Regulations to be observed in granting the degree of M.D.

I. Candidates for the degree of M.D. must be of the age of twenty-one years complete, previous to examination.

II. Candidates must produce satisfactory certificates of moral character, and of having studied the classics and mathematics at an university, or at an academy of acknowledged reputation.

III. All candidates must have been engaged in the study of medicine for at least four years, one of which must be passed at King's College, Aberdeen; and must produce evidence of having attended in some recognised school of medicine the following courses of lectures:—

Six months' courses: Anatomy, two courses; chemistry, materia medica, surgery, institutes of medicine and physiology, practice of medicine, and midwifery, one course each.

Three months' courses: Dissections, two courses; practical chemistry, medical jurisprudence, clinical surgery, and botany, one course each; clinical medicine, two courses.

Attendance on at least two of the above courses during each session is requisite to constitute an *annus medicus*.

Certificates of attendance on a six months' course of chemistry *previous* to the commencement of medical study will be received.

In addition to the above, every candidate must have attended for two years the wards of an hospital containing 100 beds; and, during three months, a shop or dispensary for the compounding of medicines.

Fee for the degree, £26 5s. 6d.

MARISCHAL COLLEGE AND UNIVERSITY, ABERDEEN.

Chancellor—The Duke of Richmond.
Rector—Earl of Airlie.
Dean of Faculty—Sir Thomas Blackie.
Principal.—The Very Rev. D. Dewar.

Regulations for granting Medical Degrees.—Curriculum: Four years of attendance on medical classes, of which two years may be passed at a recognised medical school; but two must be in an university, and one, at least, in this University. The attendance in each year must embrace not fewer than two medical classes of six months each, or one of six months, and two of three months each. The attendance must include the following classes, each for a course of six months—anatomy, practical anatomy, chemistry, materia medica, institutes of medicine, practice of medicine, surgery, midwifery; and the following classes, each for a course of three months—botany, practical chemistry, medical jurisprudence.

Every candidate must produce a certificate that he has dissected all the parts of the human body.

Eighteen months of attendance on the medical and surgical practice of an hospital containing not fewer than eighty beds, together with attendance for six months on lectures on clinical medicine, and for three months on lectures on clinical surgery.

Six months of compounding and dispensing medicines in the laboratory of an hospital, or of a public dispensary, or of a licensed general practitioner, or of a regular dispensing druggist.

Fee for the degree of M.B., £16 5s.; for that of M.D., £26 5s.

UNIVERSITY OF ST. ANDREWS.

Chancellor—The Duke of Argyll, LL.D.
Rector—William Brown, D.D.
Dean of the Faculty of Arts—Andrew Alexander, LL.D.
Librarian and Clerk to University—Rev. Jas. Macbean, M.A.

UNITED COLLEGE OF ST. SALVATOR AND ST. LEONARD.

Principal—Sir D. Brewster, K.H., LL.D.
Professor of Medicine—Dr. Geo. E. Day, F.R.S.
Professor of Chemistry—Mr. A. Connell, F.R.S.L. & E.

Regulations for the Degree of Doctor of Medicine.

I. Every candidate for a diploma in Medicine, upon presenting himself for examination, shall produce satisfactory evidence,

1. Of unexceptionable moral character.
2. Of having had a liberal and classical education.
3. Of having completed the twenty-first year of his age.

II. Fellows, members, and licentiates of the Royal Colleges of Surgeons of England, Edinburgh, and Dublin; of the Royal College of Physicians of London; of the Faculty of Physicians and Surgeons of Glasgow; and of the London Apothecaries' Company, are eligible as candidates for the degree of Doctor of Medicine, on producing their diploma or licence.

III. Candidates not holding any of the qualifications enumerated in the above clause must produce satisfactory proof that they have regularly attended lectures delivered by professors in some university, or by the fellows of the Royal Colleges of Physicians or Surgeons of London, Edinburgh, or Dublin, for four complete winter sessions, or for three winter and three summer sessions, on the following branches:—Anatomy, two courses of six months each; practical anatomy or dissections, twelve months; physiology, chemistry, one course of six months each; practical chemistry, botany, natural history or comparative anatomy, materia medica and pharmacy, midwifery and diseases of women and children, and medical jurisprudence, one course of three months each; surgery, clinical surgery, practice of medicine, clinical medicine, one course of six months each;—and that they have diligently attended, for at least two entire years, the medical practice in some public hospital in Great Britain or Ireland, containing not less than 100 beds, and having a regular establishment of physicians as well as surgeons.

Examiners for degrees in Medicine—Dr. Geo. E. Day, Mr. Arthur Connell, and Dr. Wm. Pyper, LL.D. (Latin.)
Assistant-Examiners—Dr. A. Anderson, Dr. W. T. Gairdner.

The examinations take place twice in the year, commencing on the first Monday in May, and the third Monday in October. The graduation fee is £25. In the event of a candidate being found unqualified, he shall forfeit £5 of the graduation fee, which, however, will be accounted for to him when he passes his examination at a subsequent trial.

The examination by printed papers extends over three days, after which each candidate is submitted to an oral examination.

All candidates are required to give a written translation of a passage from the first four Books of Celsus, to write prescriptions in Latin with accuracy, and to be so far acquainted with Greek as to be able to give the meanings of scientific and medical terms.

UNIVERSITY OF DUBLIN (TRINITY COLLEGE).

Chancellor—Archbishop of Armagh, D.D.
Vice-Chancellor—Right Hon. Francis Blackburn.
Provost of Trinity College—R. Macdonald, D.D.

All students in medicine must be matriculated by the senior lecturer of Trinity College, for which a fee of 5s. is payable.

No student can be admitted for the winter courses after the 25th of November, or for the summer courses after the 20th of May.

Degrees in Medicine and Surgery.

Bachelor in Medicine.—A candidate must be a graduate in arts, and may obtain the degree of bachelor in medicine at the same commencement as that at which he receives his degree of B.A., or at any subsequent commencement, provided the requisite medical education shall have been completed.

The medical education of a bachelor in medicine is of four years' duration, and comprises attendance on the following courses of lectures, of six months' duration or longer:—

Anatomy and physiology; practical anatomy, with anatomical demonstrations; surgery; chemistry; materia medica and pharmacy; institutes of medicine and pathology; practice of medicine; midwifery.—Clinical lectures: Attendance on Sir Patrick Dun's Hospital during nine months, with three consecutive courses of clinical lectures, each of three months' duration; also nine months' attendance on some general hospital in Dublin, approved of by the Board, in which clinical instruction in medicine and surgery is delivered.

In botany, practical chemistry, and medical jurisprudence, the courses are of three months' duration.

Any of the above-named courses may be attended at the School of the Royal College of Surgeons in Ireland; and three of them, at the discretion of the candidate, may be attended in the University of Edinburgh, provided the candidate have kept an *annus medicus* in the School of Physic.

Every pupil, before he be admitted to attend the clinical lectures, must pay the professor £3 3s. for each three months' course of lectures, and shall enter his name with the treasurer of Sir Patrick Dun's Hospital, and pay him ten guineas, unless he shall have been matriculated in one of the Universities of Dublin, Oxford, or Cambridge, and shall have continued his studies in arts, under a tutor, in one of the said Universities, for the space of two years at least, in which case he shall pay the sum of £3 3s. for the first half-year, with a proportionate sum for any longer period.

The examination for the degree of M.B. is conducted partly by printed, partly by oral questions. Total amount of fees, £11 15s.

Doctor in Medicine.—A doctor in medicine must be M.B. of at least three years' standing, and must perform exercises for the degree before the Regius Professor of Physic, in accordance with the rules and statutes of the University.

Total amount of fees for this degree, £22.

Licentiate in Surgery.—The licence or diploma in surgery may be obtained by such students as are matriculated in medicine, and have completed at least one year in arts, on the following conditions:—

Students so qualified will be admitted to examination for the licence in surgery, as soon as they shall have completed the prescribed curriculum.

This curriculum shall extend over a period of four years, and shall comprise attendance upon the following courses of lectures:—

Anatomy and physiology, two courses; demonstrations and dissections, three courses; theory and practice of surgery, two courses; practice of medicine, one course; chemistry, one course; materia medica, one course; midwifery, one course; practical chemistry, botany, medical jurisprudence, one course each.

Any of the above-named courses may be attended at the School of the Royal College of Surgeons in Ireland, provided the candidate has kept an *annus medicus* in the School of Physic.

Also attendance for three sessions, each of nine consecutive months' duration, on hospital practice, together with attendance on the clinical lectures on medicine and surgery.

The examination of each candidate will be divided into two parts: one of which shall be devoted to anatomy and physiology, surgical anatomy, the theory and practice of surgery, and operative surgery; and the other to the practice of medicine, midwifery, chemistry, materia medica, and toxicology.

A fee of £2 10s. is charged on taking the diploma.

Master in Surgery.—The full degree of master in surgery can only be obtained by students who are bachelors of arts, and who have completed the curriculum and passed the examination required.

The curriculum is the same as that for the licentiate, as given above, with the addition of one session of nine months' attendance on an hospital having at least twenty beds for cases of fever.

In addition to the subjects of examination required for the licentiate, candidates for the degree of master in surgery will be examined specially in the following subjects: Comparative anatomy, medical and surgical pathology, animal chemistry, and ophthalmic surgery. They will also be required to perform surgical operations on the dead subject.

The examination will be conducted partly by oral and partly by printed questions, and will be continued for four hours each day, for two successive days.

The days of graduation are Shrove-Tuesday, the first Wednesday in July, and the last Wednesday in Michaelmas term.

Total amount of fees for the degree of Ch. M., £11 15s.

SCHOOL OF MEDICINE AND SURGERY OF THE UNIVERSITY OF DUBLIN.

Regius Professor of Physic—Dr. Wm. Stokes.
University Professor of Surgery—Dr. Jas. W. Cusack.

SCHOOL OF PHYSIC IN IRELAND.

Professors on the University Foundation of Trinity College.

Anatomy and Physiology: Dr. B. G. M'Dowel.
Surgery: Dr. Robert Wm. Smith.
Chemistry: Dr. James Apjohn.
Botany: Dr. W. Harvey.

The King's Professors on the Foundation of Sir Patrick Dun.

Institutes of Medicine: Dr. Robert Law.
Practice of Medicine: Dr. John Banks.
Materia Medica: Dr. Jonathan Osborne.

Professors of King and Queen's College of Physicians.

Midwifery: Dr. Fleetwood Churchill.
Medical Jurisprudence: Dr. Thomas Brady.

THE QUEEN'S UNIVERSITY IN IRELAND.

Degrees in Medicine.

1st.—Every candidate for the degree of M.D. shall produce a certificate from the Council of one of the Queen's Colleges, that he has passed a full examination in the subjects of study prescribed in the Course of Matriculation for Arts, and has been admitted a matriculated student of the College in the Faculty of Medicine.

Matriculation Examination comprises—Greek, Grammar, Latin, Mathematics, Arithmetic and Algebra, History, and Geography.

2nd.—The curriculum of medical instruction shall extend over a period of at least four years, and shall be divided into two periods of at least two years each.

3rd.—The first period comprises attendance on courses of chemistry, botany and zoology, anatomy and physiology, practical anatomy, and materia medica and therapeutics, six months each.

4th.—The second period comprises attendance on—Anatomy and physiology, practical anatomy, theory and practice of surgery, midwifery and diseases of women and children, and theory and practice of medicine, six months each; medical jurisprudence, three months.

5th.—In addition to the above courses of lectures, candidates shall have attended courses on natural philosophy and one modern language in one of the Colleges of this University; also during the first period, practical chemistry in a recognised laboratory, three months; medico-chirurgical hospital, recognised by the Senate, containing at least sixty beds, together with clinical lectures therein delivered, at least two each week, six months.

6th.—And during the second period—Practical midwifery at a recognised midwifery hospital, with the clinical lectures

therein delivered, for a period of three months, in an hospital containing not less than fifteen beds; practical pharmacy, three months; hospital, with clinical lectures, eighteen months.

7th.—The first examination comprises the subjects of the first period of the curriculum; the second, subjects of the second period of study. The fee for the degree of M.D. is £5.

KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND.

Visitors—The Lord High Chancellor of Ireland, the Lord Chief Justice of the Queen's Bench, the Lord Chief Justice of the Common Pleas, the Chief Baron of the Exchequer.
President—Sir Henry Marsh, Bart.
Vice-President—Dr. Aquilla Smith.
Censors—Drs. Aquilla Smith, A. Hudson, Henry Kennedy, Robert Mayne.
Treasurer—Dr. Henry Law Dwyer.
Registrar—Dr. W. E. Steele.
Librarian—Dr. G. A. Kennedy.
Professor of Midwifery—Dr. Fleetwood Churchill.
Professor of Medical Jurisprudence—Dr. Thomas Brady.
Examiners in Midwifery—Drs. W. O'Brien Adams, H. L. Dwyer, John Ringland.
Inspectors of Apothecaries' Shops—The Censors.

Acts of Grace, dated June, 1859.

The College, previously to its obtaining a new constitution, has passed the following Bye-Laws, regulating the admission of Licentiates in Medicine and in Midwifery, to be in force until the 1st of May, 1860:—

I. Licentiates, members, or fellows of one of the Royal Colleges of Surgeons in Great Britain and Ireland, and persons holding the surgical diploma of Trinity College, Dublin (as well as graduates in medicine of an University, or members of a Royal College of Physicians of the United Kingdom), shall be admissible to examination, without any other qualification or certificate being required.

II. Graduates in medicine of any University in Great Britain and Ireland, licentiates of either of the Royal Colleges of Physicians of London or Edinburgh, licentiates, members, or fellows of any Royal College of Surgeons in the United Kingdom, and persons holding the surgical diploma of Trinity College, Dublin, shall be required to undergo the second day's examination only—viz., in acute diseases, chronic diseases, materia medica, and midwifery.

III. The fee for the admission of licentiates into the College shall be ten guineas.

IV. Any fellow or licentiate of this College may, on the production of such qualifications as the College shall consider satisfactory, and on payment of the sum of two guineas, obtain the diploma in midwifery, without further examination.

ROYAL COLLEGE OF SURGEONS, IRELAND.

President—J. W. Cusack, Esq.
Vice-President—C. Fleming, Esq.
The Council—A. Jacob, T. E. Beatty, Wm. Hargrave, A. Ellis, R. C. Williams, Robert Adams, James Barker, Wm. Colles, J. H. Power, Hans Irvine, J. S. Hughes, E. Hutton, Robt. Pentland, S. G. Wilmot, A. E. Tabuteau, T. L. Mackesy, A. P. Banon, P. Shannon, R. Macnamara, Esqs.
Secretary of the College—Edward Hutton, Esq.
Court of Examiners—J. Smyly, R. G. H. Butcher, R. Tuohill, T. Byrne, M. H. Stapleton, B. W. Richardson, E. A. Stoker, Esqs.
Examiners in Midwifery—William Jameson, Robert Johns, Jerome Morgan, Esqs.

Fellows of the College are members of the corporation, and are admitted by examination; letters testimonial are granted to licentiates, and diplomas in midwifery to fellows and licentiates educated and examined in that branch of surgery.

Candidates for the fellowship must be twenty-five years of age, must give proof of liberal preliminary education, and produce certificates of surgical studies for three years (three in Dublin), and also of practice as house-surgeon or dresser in an hospital; as well as attendance on hospitals, lectures, and dissections, as required from licentiates, with botany, comparative anatomy, and natural philosophy. Fee, £26 15s.; if the candidate be a licentiate, £10 10s.

Candidates for the fellowship and letters testimonial are ublicly examined on two separate days on anatomy, physiology, surgery, practice of medicine, and pharmacy. Fee for letters testimonial, £21.

APOTHECARIES' HALL OF IRELAND.

Governor—Dr. Madden, jun.
Deputy-Governor—C. Shaw, Esq.
Court of Examiners—Drs. Shaw, John Betty, Edward H. Bolland, Charles Holmes, Wm. D. Moore, Robt. Mulock, Henry P. Nolan, George B. Owens, John Shea; Mr. Thos. Collins, Mr. J. O'Flaherty, Dr. J. M'Munn, Mr. Shaw, Dr. Madden, sen.
Secretary—Dr. Charles H. Leet.

Laws regarding the Education of Apothecaries.

Every candidate for the certificate of apprentice will be examined in Latin, in Greek, in French, in arithmetic (especially decimals), and in English composition.

Every candidate for the licence to practise as an apothecary must lay before the Court—1, the certificate of apprenticeship; 2, the indenture of apprenticeship of three years; 3, certificates, duly signed, of attendance on lectures,—viz., Anatomy and physiology, demonstrations and dissections, of each for twelve months; practical chemistry, botany, and natural history, three months; chemistry, materia medica, theory and practice of physic, surgery, midwifery, the diseases of women and children, and pathological anatomy, six months; medical jurisprudence, three months; attendance on the medical and surgical practice in an hospital for two years; also upon thirty cases of midwifery.

A TABLE OF THE COMPARATIVE COST OF MEDICAL EDUCATION AT THE VARIOUS HOSPITALS AND MEDICAL SCHOOLS IN THE UNITED KINGDOM.

	HOSPITALS, AND MEDICAL SCHOOLS ATTACHED THERETO.	No. of Beds.	Fees for all the Classes required for Diploma.	Fees for all the Classes & Hospital Practice required.
			£ s.	£ s.
Metropolis.	St. Bartholomew's Hospital ...	650	52 10	94 10
	Charing-cross ,, ...	...	44 4	75 14
	St. George's ,, ...	350	57 15	96 12
	Grosvenor-place School	...	36 15	...
	Guy's Hospital	550	...	90 0
	King's College and Hospital ...	...	65 14	98 5
	London Hospital	445	50 0	88 4
	St. Mary's ,, ...	150	52 10	89 5
	Middlesex ,, ...	300	46 5	81 0
	St. Thomas's ,, ...	520	...	90 0
	University College and Hospital..	120	63 0	90 0
	Westminster Hospital	175	46 4	73 10
Other parts of England.	Birmingham, Queen's College ...	130	52 10	63 10
	,, Sydenham College..	240	42 0	75 12
	Bristol	242	50 8	103 8
	Hull	132	42 0	...
	Leeds	141	42 0	84 0
	Liverpool	226	45 0	81 15
	Manchester	280	42 0	...
	Newcastle	230	42 0	59 17
	Sheffield	...	42 0	78 15
	York	100	42 0	68 5
Scotland.	Edinburgh University	500	68 0	78 0
	,, Surgeons' Hall	500	52 0	62 0
	Glasgow University	600	39 10	50 0
	,, Anderson's University...	600	30 0	40 10
	Aberdeen, King's College	300	44 0	53 9
	,, Marischal ,, ...	300	44 0	53 9
Ireland.	Dublin University (Trinity College) and Sir P. Dun's Hospital ...	60	62 0	89 14
	——— Royal College of Surgeons and City of Dublin Hospital ...	104	40 0	61 0
	——— Carmichael School and Richmond, &c., Hospital... ...	300	40 0	63 0
	———, Dr. Steeven's Hospital and School of Medicine, Peter-street	250	...	73 10
	——— Original School of Medicine	...	...	...
	Belfast, Queen's College	...	40 0	...
	Cork, ,, ,, ...	...	40 0	...
	Galway, ,, ,, ...	200	40 0	...

The Medical Students' Daily and Hourly Hospital and Class Guide,

AND

TABULAR LIST OF THE PHYSICIANS, SURGEONS, TEACHERS, AND FEES FOR ATTENDANCE ON THE SAME, AT THE MEDICAL SCHOOLS OF SCOTLAND FOR THE SESSION 1859-60.

LECTURES, ETC.	EDINBURGH UNIVERSITY.			EDINBURGH, SURGEONS' HALL.					GLASGOW UNIVERSITY.		
	LECTURERS.	HOURS.	FEES —	LECTURERS.	HOURS.	FEES. First Course.	FEES. Second Course.	FEES. Perpetual.	LECTURERS.	HOURS.	FEES. One Course.
WINTER SESSION.			£ s.			£ s.	£ s.	£ s.			£ s.
ANATOMY	Mr. Goodsir	2	4 4	Dr. J. Struthers	2	3 5	2 4	5 5	Dr. A. Thomson	11	3 3
ANATOMICAL DEMONSTRATIONS	Ditto (and in Summer)	...	2 2	Ditto (and in Summer)	4	2 2	4 4	...	Ditto	1	3 3
ANATOMY, PRACTICAL, (DISSECTIONS)	Mr. Goodsir (and in Summer)	...	3 3	Ditto (and in Summer)	9 to 4	3 3		...	Ditto (and in Summer)	10 to 4	2 2
CHEMISTRY	Dr. L. Playfair	10	4 4	Dr. S. Macadam	10	3 5	2 4	5 5	Dr. T. Anderson	10	3 3
CHEMISTRY, PRACTICAL	Ditto (and in Summer)	...	...	Ditto (and in Summer)	9 to 4	3 3 per mth.	... per sess.	...	Ditto (and in Summer)	9½ to 4½	...
CHEMISTRY, ANALYTICAL ...	Ditto	...	...	Dr. S. Macadam (and in Summer)		2 0	10 6	...	Dr. T. Anderson (and in Summer)		4 4
MATERIA MEDICA...	Dr. Christison	9	4 4	Dr. D. Maclagan	9	3 5	2 4	5 5	Dr. Easton	2	3 3
PHYSIOLOGY	Dr. Bennett	11	4 4	Dr. Sanders	11	3 5	2 4	5 5	Dr. Buchanan	4	3 3
PATHOLOGY AND PATH. ANAT.	Dr. Henderson	4	4 4	Dr. R. Haldane	4 (S., 11)	3 5	2 4	5 5	...	...	...
MEDICINE	Dr. Laycock	3	4 4	Dr. W. T. Gairdner	3	3 5	2 4	5 5	Dr. Macfarlane	10	3 3
SURGERY	Mr. Miller	10	4 4	Dr. Begbie, Mr. Spence, Mr. Lister, Dr. P. H. Watson, Mr. Edwards	10	3 5	2 4	5 5	Dr. Lawrie	5	3 3
MIDWIFERY, &c.	Dr. Simpson	11	4 4	Dr. Keiller, Dr. J. M. Duncan (in Summer)	...	...	...	...	Dr. Pagan	3	3 3
MEDICAL JURISPRUDENCE ...	Dr. Traill	2	4 4	Dr. Littlejohn	2	...	...	...	...	...	...
NATURAL PHILOSOPHY	...	...	3 3	Mr. W. Lees	12	2 2	...	...	...	...	...
LECTURES ON THE EYE	...	...	...	Mr. Walker	...	...	...	...	Dr. Mackenzie	6	2 2
DIETETICS AND PHARMACY ...	Dr. Christison (with Mat. Med.)	...	...	Dr. D. Maclagan (with Mat. Med.)	9	...	...	...	...	...	...
HOSPITAL PRACTICE:	EDIN. ROY. INFIR.			EDIN. ROY. INFIR. (as before stated)					GLASGOW ROY. INF.		
PHYSICIANS	Dr. Alison, Dr. Christison, Dr. Bennett, Dr. Simpson, Dr. Laycock, Dr. A. Keiller, Dr. W. T. Gairdner, Dr. W. Begbie, Dr. Haldane	Daily, 12	2 years, £10 10	...	...	6 months, £3 3	1 year, £5 5	Perpetual, £10 at one payment.	Dr. Tannahill, Dr. T. Watson, Dr. Bell, Dr. Fraser, Dr. Ritchie, Dr. Orr	8½	1 year, £5 5; perpetual, £10 10
SURGEONS	Mr. Syme, Mr. J. Spence, Dr. J. D. Gillespie	Daily, 12		...	...				Dr. Eben Watson, Dr. A. Buchanan, Dr. Lyon	8½	
ASSISTANT-SURGEONS	Dr. John Struthers, Mr. Lister	...		...	...				Dr. Morton, Dr. G. Buchanan	...	
CLINICAL MEDICINE	Dr. Bennett, Dr. Laycock	Tu., F., 12 to 2	4 4	Dr. Keiller, Dr. W. T. Gairdner, Dr. W. Begbie (and in Summer)	Tu., F., 12	...	...	...	Dr. J. A. Easton, Dr. Tannahill	M., Th., 9	...
CLINICAL SURGERY	Mr. Syme	M., Th., 12	4 4	Mr. Spence (and in Summer)	M., Th., 1	...	...	...	Mr. Watt, Dr. E. Watson	Tu., F., 9	...
MILITARY SURGERY	...	...	3 3	...	...	...	...	...	...	...	...
SUMMER SESSION.											
BOTANY	Dr. Balfour	...	4 4	...	...	...	...	...	Dr. W. Arnott	...	...
HISTOLOGY	Dr. Bennett	...	...	...	...	...	...	...	...	...	...
MEDICAL JURISPRUDENCE ...	Dr. Traill	...	4 4	Dr. Littlejohn	4	...	...	...	Dr. Rainey	12	3 3
COMPARATIVE ANATOMY... ...	Mr. Goodsir	...	...	Dr. J. Struthers	...	...	...	...	...	...	...
NATURAL HISTORY	Dr. Allman	1	4 4	...	...	...	...	...	...	...	...
MEDICAL PSYCHOLOGY	Dr. Laycock	...	...	...	...	...	...	...	...	...	...
MIDWIFERY	Dr. Keiller, Dr. J. M. Duncan	...	...	...	...	...	...	...	...	...	...

THE MEDICAL STUDENTS' DAILY AND HOURLY HOSPITAL AND CLASS GUIDE—(CONTINUED.)

LECTURES, ETC.	GLASGOW, ANDERSON'S UNIVERSITY.			ABERDEEN, KING'S COLLEGE.			ABERDEEN, MARISCHAL COLLEGE.		
	LECTURERS.	HOURS.	FEES. One Course.	LECTURERS.	HOURS.	FEES. One Course.	LECTURERS.	HOURS.	FEES. One Course.
WINTER SESSION.			£ s.			£ s.			£ s.
ANATOMY AND PHYSIOLOGY ...	Dr. M. S. Buchanan Dr. G. Buchanan	5		Dr. Redfern	2	3 3	Mr. A. J. Lizars	12	3 3
ANATOMICAL DEMONSTRATIONS	Ditto	1	4 4	Ditto (also in Summer)	12	2 2	Ditto (and in Summer)	2	2 0
ANATOMY, PRACTICAL, (DISSECTIONS)	Ditto (also in Summer)	Daily		...	2	...	Ditto	12	2 2
CHEMISTRY	Dr. Penny	10	2 2	Dr. Fyfe	10½	3 5	Dr. Clark Mr. Brazier	3	3 3
CHEMISTRY, PRACTICAL	Ditto (and in Summer)	11	2 2	...	...	...	...	...	...
CHEMISTRY, ANALYTICAL	Dr. Penny	Daily 10 to 4	1 1 per mo	...	...	...	...	...	...
MATERIA MEDICA, &c.	Dr. Morton	4	2 2	Dr. Rattray	9	3 3	Dr. Henderson	9	3 3
PHYSIOLOGY	Dr. E. Watson	12	2 2	Dr. Christie	8	3 3	Dr. Ogilvie	4	3 3
MEDICINE	Dr. A. Anderson	3	2 2	Dr. Williamson	1	3 3	Dr. Macrobin	3	3 3
SURGERY	Dr. R. Hunter	2	2 2	Dr. Kerr	3	3 3	Mr. Pirrie	1	3 3
MILITARY SURGERY	Dr. G. H. B. M'Leod	5	...	...	...	...	...	...	...
MIDWIFERY, &c....	Dr. J. Paterson	10	2 2	Dr. Rainy	4	3 3	Dr. Dyce	4	3 3
MEDICAL JURISPRUDENCE... ...	(In Summer)	5	2 2	...	...	...	Dr. Ogston (with Med. Logic)	9	3 3
NATURAL HISTORY...	...	...	...	...	...	...	Mr. Nicol	11	3 7
HOSPITAL PRACTICE:	GLASGOW ROYAL INFIRMARY.			ABERDEEN ROYAL INFIRMARY.			ABERDEEN ROYAL INFIRMARY.		
PHYSICIANS	Drs. Tannahill, Watson, Bell, Ritchie, Fraser, and Orr	Daily 8½	One year 5 5	Dr. Dyce Dr. Kilgour Dr. Nicol Dr. W. Williamson	Daily	1st yr. 3 10 2nd yr. 3 0	(as before stated)	...	...
SURGEONS	Drs. E. Watson, A. Buchanan, Lyon, Morton, and G. Buchanan	8½	Perp. 10 10	Mr. W. Keith Mr. W. Pirrie Mr. D. Kerr Mr. A. J. Lizars Mr. J. Cadenhead (*Ophthalmic*)	...	Perp. 6 6	...	...	...
CLINICAL MEDICINE	(The Physicians)	9	...	Dr. Kilgour	Twice weekly	Crse. 2 2 subseq 1 1	Dr. Kilgour	Twice weekly	2 2 subseq 1 1
CLINICAL SURGERY...	(The Surgeons)	9	...	Mr. Keith	Ditto	2 2 subseq 1 1	Mr. Keith	Ditto	2 2 subseq 1 1
SUMMER SESSION.									
BOTANY	Dr. Bell	7½ A.M.	Crse. 2 2	Rev. J. C. Brown	8	Crse. 2 2	Dr. Beveridge	8	2 2
HISTOLOGY	...	...	...	Dr. Redfern	...	...	Dr. Ogilvie	...	2 2
MIDWIFERY...	Dr. J. Paterson	10	2 2	Ditto	...	...	...	...	...
MEDICAL JURISPRUDENCE... ...	Dr. Cowan	1	2 2	Dr. Reed	3	2 2	Dr. Clark Mr. Brazier	1	3 3
PRACTICAL CHEMISTRY	Dr. Penny	12	...	Dr. Fyfe	12	3 5	...	...	...
NATURAL HISTORY...	...	...	...	Rev. J. Longmuir	9	2 2	...	...	...
NATURAL PHILOSOPHY	Dr. J. Taylor	11	2 2	Mr. D. Thomson	...	2 2	Mr. Maxwell	...	...
DIETETICS AND HYGIENE	Dr. Morton (with Materia Med.)	...	...	...	...	...	Dr. Henderson	2	2 2

TABULAR LIST OF THE PHYSICIANS, SURGEONS, TEACHERS, AND FEES FOR ATTENDANCE ON THE SAME, AT THE MEDICAL SCHOOLS OF IRELAND, FOR THE SESSION 1859–60.

LECTURES, ETC.	DUBLIN UNIVERSITY. Lecturers.	DUBLIN UNIVERSITY. Fees.	DUBLIN R. C. OF SURGEONS. Lecturers.	DUBLIN R. C. OF SURGEONS. Fees.	DR. STEEVENS' HOSP. AND MED. COLL., DUBLIN. Lecturers and Hours.	DR. STEEVENS' HOSP. AND MED. COLL., DUBLIN. Fees. First Course.	DUBLIN, CARMICHAEL SCH. AND RICHMOND HOSP. Lecturers. Days and Hours.	DUBLIN, CARMICHAEL SCH. AND RICHMOND HOSP. Fees.	DUBLIN, CATHOLIC UNIVERSITY. Lecturers.	DUBLIN, CATHOLIC UNIVERSITY. Days & Hours.	DUBLIN, CATHOLIC UNIVERSITY. Fees.
						£ s.					
ANATOMY AND PHYSIOLOGY	Dr. M'Dowel	First Course, £3 3s.; Second Course, 2 2s., in all the classes.	Dr. Jacob	Course, £3 2s., in all the Classes (except Military Surgery, £3 3s.; and Comparative Anatomy, free).	Mr. S. A. Cusack, 10	2 2	Dr. M'Donnell Daily, 12	For each Course, £2 2s.; except Comparative Anatomy, free.	Mr. T. Hayden; Dr. R. Cryan	Daily, 1	Qualified Matriculated Students, free; Non-matriculated Students, £3 2s. each Course.
ANATOMY, DESCRIPTIVE & SURGICAL	Dr. McDowel		Dr. Power Dr. Bevan		Dr. E. Hamilton, 12	5 5	Mr. Curran Mr. Cruise Daily, 1		Dr. R. Cryan	Daily, 12	
PRACTICAL ANATOMY AND DISSECTIONS	Dr. Barton Dr. Symes		Mr. Hargrave Mr. Morgan Mr. Mapother Mr. Colles		Dr. Minchin Mr. Symes	...	Mr. Jennings Mr. Hayes Mr. Telford		Mr H. Tyrrell Dr. F. B. Quinlan	...	
CHEMISTRY	Dr. Apjohn		Dr. Barker		Dr. Aldridge, 1	2 2	Dr. Davy Tu., Th., S., 2		Dr. W. K. Sullivan	Tu., Th., S., 2	
PRACTICAL CHEMISTRY ...	Dr. Apjohn (in Summer)		Dr. Barker		Dr. Cameron	2 2	...		...		
MATERIA MEDICA AND PHARMACY	Dr. Osborne		Dr. Williams		Dr. Gordon (in Summer)	2 2	Dr. Macnamara		Dr. R. Macdermott	M., W., F., 11	
BOTANY AND ZOOLOGY ...	Dr. Harvey (in Summer)		Dr. Mitchell		Dr. Wright (in Summer)	2 2	Dr. Fraser		...	...	
INSTITUTES OF MEDICINE AND PATHOLOGY	Dr. Law		...		...	...	...		Dr. R. D. Lyons	...	
NATURAL PHILOSOPHY ...	...		...		Dr. Cameron (in Summer)	...	...		Mr. H. Hennessey	...	
HOSPITAL PRACTICE	Sir P. Dun's Hospital. Richmond Surg. Hosp.		City of Dublin Hospital. (Daily, 9)		Dr. Steevens' Hospital. (Daily, 8)	...	Richmond, Whitworth, and Hardwicke Hospitals.		...	...	
CLINICAL LECTURES	...		Three times weekly		...	...	...		...	...	
SURGERY	Dr. R. W. Smith		Mr. Porter Mr. Hargrave		Mr. Collis Mr Wilmot 11	2 2	Mr. Hamilton M., W., F., 11		Mr. A. Ellis	M., W., F., 3	
MIDWIFERY, &c.	Dr. Churchill		Dr. Sawyer		Dr. Hardy (thrice wkly.)	2 2	Dr. Denham Tu., Th., S., 3		...	...	
MEDICINE	Dr. Banks		Dr. Benson		Dr. Freke Dr. Burke, 11	2 2	Dr. Mayne M., W., F., 2		Dr. R. D. Lyons	Tu., Th., S., 3	
MEDICAL JURISPRUDENCE	Dr. Brady (in Summer)		Dr Geoghegan		Dr Haughton (in Summer)	...	Dr. O'Reilly		Dr. Macswiney	Tu., Th., S., 11	
COMPARATIVE ANATOMY...	Dr. M'Dowel		Dr. Jacob		Dr. Hamilton (in Summer)	...	Dr. M'Donnell Mr. Curran		Mr T. Hayden Dr. R. Cryan	...	
PRACTICAL PHARMACY ...	...		...		...	...	...		...	...	
MILITARY SURGERY	...		Mr. Tufnell		...	...	...		...	...	
LOGIC	The College Tutors		Dr. J. Murray		Rev. W. P. Dobbin (in Summer)	...	...		Dr. D. B. Dunne	...	

LECTURES, ETC.	CORK, QUEEN'S COLLEGE. Lecturers.	CORK, QUEEN'S COLLEGE. Days & Hours.	CORK, QUEEN'S COLLEGE. Fees. First Course.	CORK, QUEEN'S COLLEGE. Fees. Second Course.	BELFAST, QUEEN'S COLLEGE. Lecturers.	BELFAST, QUEEN'S COLLEGE. Days & Hours.	BELFAST, QUEEN'S COLLEGE. Fees. First Course.	BELFAST, QUEEN'S COLLEGE. Fees. Second Course.	GALWAY, QUEEN'S COLLEGE. Lecturers.	GALWAY, QUEEN'S COLLEGE. Fees. First Course.	GALWAY, QUEEN'S COLLEGE. Fees. Second Course.
			£ s.	£ s.			£ s.	£ s.		£ s.	£ s.
ANATOMY AND PHYSIOLOGY	Dr. J. H. Corbett	Daily (ex. S.) 1	3 0	2 0	Dr. H. Carlile	Daily (ex. S.) 2	3 0	2 0	Dr. C. C. King	3 0	2 0
ANATOMY, DESCRIPTIVE & SURGICAL	Dr. J. H. Corbett	Daily (ex.S.) 12	...	...	Dr. H. Carlile	...	...	...	...	...	...
PRACTICAL ANATOMY AND DISSECTIONS	Dr. J. H. Corbett Dr. Shinkwin	Daily, 12	3 0	...	Dr. H. Murney	Daily (ex. S.) 11¾	3 0	...	Mr. R. Reid	3 0	3 0
CHEMISTRY	Dr. J. Blyth	M., W., F.	2 0	1 0	Dr. T. Andrews	M., Tu., W., Th., 3	2 0	1 0	Dr. Rowney	2 0	...
PRACTICAL CHEMISTRY ...	Dr. J. Blyth	M., Tu., W., Th.	3 0	...	Dr. T. Andrews	F.	2 0	...	Dr. Rowney	3 0	...
MATERIA MEDICA AND PHARMACY	Dr. Purcell O'Leary	M., Tu., Th., F., 2	2 0	1 0	Dr. J. S. Reid	M., Tu., 5 F. 4, S. 12	2 0	1 0	Mr. S. M'Coy	2 0	1 0
BOTANY AND ZOOLOGY ...	Mr. J. R. Green	M., W., F.	1 10	...	Dr. G. Dickie	Daily (ex. S.) 1	2 0	1 10	Dr. A. G. Melville	2 0	...
INSTITUTES OF MEDICINE AND PATHOLOGY	...	...	...	...	...	...	...	...	...	...	...
NATURAL PHILOSOPHY ...	Mr. J. England	Tu., Th., S.	1 10	...	Dr. Staveley	M., W., F., 1	1 10	...	Mr. A. H. Curtis	1 10	...
HOSPITAL PRACTICE	North and South Infirmaries.	...	...	...	Belfast General Hospital.	...	...	...	Galway Infirmary & Town Hosp.	Sess. 2 0	2 0
CLINICAL LECTURES	...	...	...	...	...	...	...	...	...	...	...
SURGERY	Dr. D. B. Bullen	M., W., F., 3	2 0	1 0	Dr. A. Gordon	W., Th., F., S., 5	2 0	1 0	Dr. J. V. Browne	2 0	1 0
MIDWIFERY, &c.	Dr. J. R. Harvey	M., W., F., 4	2 0	1 0	Dr. W. Burden	M., Tu., W., F., 3	2 0	1 0	Dr. R. Doherty	2 0	1 0
MEDICINE	Dr. D. C. O'Conner	Tu., Th., 3; S., 1	2 0	1 0	Dr. J. C. Ferguson	M., Tu., W., Th., 4	2 0	1 0	Dr. N. Colahan	2 0	1 0
MEDICAL JURISPRUDENCE	...	Tu., Th., F., 3	...	...	Dr. J. F. Hodges	W., S., 3	2 0	1 0	Mr. S. M'Coy	2 0	1 0
COMPARATIVE ANATOMY...	Dr. Blyth	...	...	...	...	...	...	...	...	...	...
PRACTICAL PHARMACY ...	Mr. Barry	...	...	...	...	...	...	...	Mr. S. M'Coy	2 0	...
MILITARY SURGERY	...	...	...	...	...	...	...	...	...	...	...
LOGIC	Mr. G. S. Reid	...	...	...	...	...	...	...	Dr. T. W. Moffett	...	...

THE LANCET.

LONDON: SATURDAY, SEPTEMBER 24, 1859.

KNOWLEDGE is no longer the heritage of a few—the rare and treasured possession of the monk, student, and prince. It is no longer cloistered in the retired cell, book-bound in the well-stored library, or fire-guarded in the mystic laboratory of the experimentalist. It moves amongst the universal crowd; it stirs in the market-place, breathes the smoky air of factories, cheers industrious poverty, and is content with the homage of leisure half-hours from workers of all grades. Wherever crowds of men are found, there now is knowledge found: it tinctures the mass—

"Totum que infusa per artus,
Mens agitat molem et ingens se corpore miscet."

If the students who now throng the Schools of Medicine hope to attain social eminence, and enjoy that repute which lettered cultivation and philosophic distinction claim from the many, and which the accordant voice of ages has bestowed on the professors of Medicine, they must rise as far higher in their acquirements over those who have preceded them in past times as science has flown on her untiring wing while the last hundred years have rolled on, and they must exceed in literature and polite information the general multitude as much as their predecessors surpassed contemporary labourers in the same field of investigation.

The heads of our Medical Colleges and Corporations have, therefore, recently resolved to increase the severity of the tests by which the assurances are obtained of a preliminary acquaintance with those languages which give the key to the works of the master-minds of antiquity, and with those branches of exact science which afford a necessary training for the mind that is to grapple with some of the sublimest and most difficult departments of knowledge, and such are undoubtedly included in the curriculum of medical study. These examinations, successfully passed, afford at once a guarantee of accomplishments now essential to English gentlemen, and of a training no less essential to students of sciences so advanced as are Medicine and Surgery in the present day. Let no student, therefore, complain of the severity of the tests by which his preliminary education is now guaged, while he stands at the threshold of his medical career. A life-long experience will but confirm him in a high estimate of the value of his polite and mathematical acquirements which will be to him an unspeakable comfort and satisfaction throughout subsequent years, and will be the more valuable and important if he return to them from day to day as to a source of strength and refreshment, and be careful to keep fresh in his mind the acquaintance with lingual and mathematical science which he is bound to bring with him to the schools of edicine.

He will have few opportunities during the first years of his medical career of doing more than maintain himself at the level at which he already stands. For it must not be concealed that the field of medical education has been extended until it includes so great a stretch of intellectual ground, and occupies so wide a space in the domain of knowledge, that more than ordinary labour is needed to become well acquainted with even the prominent features of the landscape. To follow the broad rivers of medical science, to climb its nearest hills, and wander in its most flowery gardens, are objects to which the mere ordinary student aspires. But it is less than should satisfy any one. No student should be content with the mere cursory scanning of that difficult channel in which he is destined to be pilot. It is his duty to learn all the rocks on which the vessel of life may be wrecked, the quicksands in which she may be engulphed, and the currents that threaten to carry her from the vital course. It is his duty to learn, while instruction is still at hand, and time favours his endeavour, which are the ropes, the sails, and the cables on which he may rely; when to handle them, and how to manœuvre the ship in times of storms and tempests. Accuracy and extent of knowledge are only to be gained by diligent study, by patient inquiry, by steady effort, and unflinching perseverance. These are the qualities which ensure success. Intellectual prodigies have shone from time to time; genius has coruscated with a bright and often fitful flame, and glittered from the highest pinnacles of success and fame. But the wisdom of past ages, and the experience of all generations of men, have but combined to bring home to our minds more strongly the conviction, that labour is the tribute dearest to fortune, and that the guerdon of success—in whatever sense that word be interpreted, in its highest or its lowest meaning—is only to be won by those who have arduously and earnestly trodden the thorny paths of toil. Let it be borne in mind, however, that something more than mere continuity of exertion is needed; intensity of exertion is equally demanded. For the labour will be valued, not according to the time expended, but according to the result produced.

It is the peculiar privilege of the student of Medicine, that while others are but the mere hewers of wood and drawers of water in the world of science—mere physical agents, as it were, in the intellectual movement, diffusing elementary knowledge or acquiring elementary facts—standing always on the lowest rounds of the great intellectual ladder, spending a lifetime in climbing, constructing, or patching the mere scaffolding of knowledge, and for ever occupied with mechanical and auxiliary departments of science, mainly useful as a training—it is his high fortune to enter into the most sacred arcana of Nature, to unveil the mysteries of life, and to be brought face to face with the great primal laws of being. His studies are so directed as to lead him to the recognition of a common relation to humanity, and an universal inter-dependence in all that the world can show him. For him LIFE always animates the landscape, and as no studies can appeal so strongly to the sympathies, and offer incentives of so great impulse to the intellect, as those that deal with the interests of life, so his labours have at once more attractive allurements, take more important bearings, and command more universal respect than those of any other votary of science. To him is revealed the whole force of that apothegm of the prince of philosophers, who, when he said, "Knowledge is power," added also, and "Knowledge is pleasure." To the instructed student in medicine the world is not as to other men. The dry bone that inspires others with childish horror and insensate fright, speaks to him of design, of wisdom, and beneficence. He is surrounded with forms which address his reason no less forcibly than they impress the eye. The flower grows at his feet in obedience to laws which are not unknown to him; for botanical science has shown him the physiologic marvels of its birth; the unity of structure which pervades all varieties of organic life; the

marvellous combination of typical development and functional adaptation which allies all various shapes, and reconciles a boundless external diversity of form and function with simple unity of cell-growth, and strict adherence to undeviating morphologic laws. The creatures of the field move and have their being in obedience to impulses of which he can trace the secret springs. Man is more to him than an incomprehensible piece of mechanism, which he can only blindly admire. Anatomy, the most difficult, but the most essential, department of his study, and without an accurate acquaintance with which all his other knowledge will be of no avail, teaches him the plan of the vessels, the exquisite mechanism of the osseous structure, the nice distribution of motor and sensational function through the intricate cordage of nerves; it displays to him orderly arrangement in complexity; a simple law of typical formation predominant over a thousand devices of functional arrangement; and, while affording to him the essential technicalities of his art, supplies him with those unavoidable considerations of the grandeur and order of creation, which are the choice pabulum of the highest intellects. The commonest object can inspire him with speculation of the loftiest kind. The gases that surround him, the air that blows upon him, whisper secrets which chemistry has familiarized to his mind. The herb that springs from the mineral that lies encrusted in, the earth, the creatures that supply human wants and own human sway, all forms of organization, and mere shapeless unorganized matter, have to him a special interest that is born from his knowledge of their attributes and uses, their divine endowments, their marvellous adaptation, their all-wise design. He stands always in the face of a world that is not dumb as it is to so many other men, but speaks to him of things earthly, and more than earthly. His knowledge is of that kind which has been nobly compared with the mystic ladder in the patriarch's dream, its base resting on the primeval earth, its crest lost in the shadowy empyrean; while the great authors who for ages have held the chain of science and philosophy, seem to ascend and descend the sacred scale, maintaining, as it were, the communication between man and heaven.

Let the student but approach his labours in this spirit, and he will not shrink from the mechanical severity of application which they demand, if he would successfully attain to a perfect knowledge of his duties. He may be assured that no day can be spent in the lecture-room, no hour devoted to the less attractive toils of dissection, or the bedside study of disease, which will not bear a double fruit—strengthening and purifying his intellectual nature, while they fit him for the responsible task which he is about hereafter to assume. It were idle to expect that the poetry and grandeur of his art should at once become apparent to his mind. There is a necessary drudgery, a wholesome discipline through which the student in all departments of knowledge must undergo. From this he is not exempt. Many weary hours must he pass in studying prominences of bone, in learning attachments of muscle, and distributions of nerve and artery; many a day will be employed in committing mere names to memory, and mastering technicalities which the impatience of the neophyte may pronounce to be alike tedious and useless. No man ever rose to just eminence in his profession who had not mastered its minutiæ. It was their profound knowledge of anatomy which guided the unerring hands of ASTLEY COOPER and of LISTON, and made them the greatest operative surgeons of their day. These great men were students in anatomy, not only amidst their busy hospital career, but even to the last week of their lives. So let the student take heart from the thought that these studies have all a direct bearing on that great mystery of Life which it is his high privilege to fathom. Let him reflect how important a thing it is to be entrusted with this most precious appanage of humanity, and trustfully incline his mind to master the preliminary difficulties which muster thickly around him. His teachers are neither unaware nor unmindful of the great labour which his task demands; the earnest student will never stand in want of their encouragement and their kindly aid. Let him take his burden of doubts and difficulties to them; he may be assured of a cordial reception and helpful welcome. They have painfully traversed the same rough ground, and feel always a peculiar satisfaction in smoothing the way for those entrusted to their care.

In the practical study of disease by the bedside the student will find the true application of his theoretic erudition, at the same time that he enters upon the most deeply-important and the ultimate result of his education. Here he must unceasingly watch the aspect of disease, and familiarize himself with the enemy against whom he is trained to do battle; here he must bring all his acquired information, and test the principles which have been laid down for him in watching their application. Clinical experience can alone tip the arrow of his knowledge; without this it were a blunt and useless weapon. He who is most diligent in the dissecting-room, and in the wards of the hospital, ever sets out in life well fitted for his duties as a practitioner in medicine. He will not fail, in following his distinguished teachers through the wards, to acquire something more than scientific and practical fitness for his vocation. He will learn from them to bear constantly in mind that those who are the objects of his study, and whose ailments yield him thought and instruction, are suffering fellow-creatures; he will see how deeply words of kindness and acts of mercy are valued by the sick. An hospital is a great school for the heart, and let the student never shut out the poor suffering patients who lie ranged before him from the wide exercise of his sympathy. Great capacity is rarely dissevered from true kindness, and it is not necessary to take refuge in the cold exclusiveness of scientific abstraction in order to attain to the highest skill and the most profound acquaintance with disease. The student of Medicine must ever bear in mind that his future office is to remove disease and mitigate suffering. These results cannot be effected by theories, however alluring, or by knowledge, however brilliant. They will be successfully attained only by study and observation in the dissecting-room and at the bedside. Refinements in diagnosis may be carried too far. Many ardent students have trusted too implicitly to the revelations of the test-tube and the microscope. Far be it from us to underrate these auxiliaries to the practice of Medicine; but they are only "auxiliaries." They are the mere ornaments of the Corinthian column, not to be disregarded or neglected, but to be estimated at their true worth. The cautious mariner should never lose sight of the certain "landmarks" which are to guide him in his career.

The road to greatness is indeed more difficult to climb now than heretofore. Science has attained a larger development, and knowledge has assumed more multifarious shapes. But if the path to eminence be more thorny than in days gone by; if the height be greater, the way more crowded, the din of competition louder and more overwhelming; if talents which in times now past might have justified the secure hope of quitting

the shades of obscurity, and grasping the attractive fruits of world-wide glory, can now but rarely conduct to more than limited popularity and success; if it be "almost too late to be ambitious" of the highest and most alluring prizes; yet the medical profession has never at any time offered to so many the opportunity of passing through a career of exalted usefulness, and of achieving that highest glory and distinction, of which worldly fame is but a symbol.

ADDITIONAL INFORMATION

To that contained in the Tables (*pp.* 323–325)

RELATIVE TO THE

MEDICAL SCHOOLS OF SCOTLAND & IRELAND,

FOR THE SESSION 1859–60.

SURGEONS' HALL, EDINBURGH.—To those who have already attended a first course in Edinburgh, the perpetual fee for any class is £2 4*s*.

Dispensary Visit, at the Royal Public and New Town Dispensaries; Practical Midwifery, at the Royal Maternity Hospital and the Dispensaries; Practical Pharmacy, at the latter; Dental Surgery, at the Royal Public Dispensary. Courses on Venereal Disease are delivered by Dr. P. H. Watson, and on Surgical Pathology and Operative Surgery by Mr. Lister and Mr. Edwards.

UNIVERSITY OF GLASGOW.—*Bursaries tenable by Medical Students:* The Brisbane Bursary, of £50 yearly, held for four years by a student of medicine, who is a Master of Arts. The Walton Bursary, of £20 yearly, held by a medical student (a native of England being preferred), for four years. The Armagh Bursaries, three in number, amounting each to £15 yearly, for three years, open to students of divinity and medicine who have taken the degree of M.A.

ANDERSON'S UNIVERSITY, GLASGOW.—Students attending the medical classes have the opportunity of witnessing the practice of the following hospitals:—

GLASGOW ROYAL INFIRMARY.—*Physicians:* Drs. Tannahill, T. Watson, Bell, Ritchie.—*Surgeons:* Drs. E. Watson, A. Buchanan, Lyon, Morton, Geo. Buchanan.—*Resident Superintendent:* Dr. M'Ghie.—Fees—first year, £5 5*s*.; second year, £5 5*s*. Perpetual to the practice and clinical lectures, £10 10*s*.; practical pharmacy, £3 3*s*. The office of clerk, or intern, held for two years, is open to all students of the third year. The clerks are boarded in the hospital for £20 per annum. Dressers to the surgical wards and clerks to the dispensary are appointed without fee.

GLASGOW EYE INFIRMARY.—*Consulting Surgeon:* Dr. H. Rainy.—*Surgeons:* Dr. Mackenzie, Dr. Andrew Anderson, and Dr. Wm. Brown.—*Assistant Surgeon:* Dr. Geo. Rainy. Hour of visit, one p.m. Student's fee for six months' attendance, £2 2*s*.

GLASGOW LYING-IN HOSPITAL AND DISPENSARY, NORTH PORTLAND-STREET (formerly St. Andrew's-square).—This hospital contains 24 beds. The number of women delivered in connexion with the hospital during the past year was 1004. *Physicians:* Dr. J. G. Fleming and Dr. J. G. Wilson.—*Out-Door Accoucheurs:* Drs. James Dick, Jas. Dunlop, George Yeaman, Robert Perry, John Coats, Jun., Donald Dewar; Mr. James Cassels, Mr. John Burns. Student's fee for six months, £1 1*s*.

GLASGOW ROYAL PUBLIC DISPENSARY.—*Physicians:* Dr. Jas. Fraser, Dr. R. S. Orr.—*Surgeons:* Dr. J. Morton, Dr. G. Buchanan.—*Superintendent:* Dr. M'Ghie.—*Matron:* Mrs. Struthers.—Practical pharmacy may be attended here.

UNIVERSITY AND KING'S COLLEGE, ABERDEEN.—Students are required to matriculate within the first month of the winter session, and within the first fortnight of the summer session. The matriculation fee for all the classes is one sum of 5*s*. for the winter, and one of 2*s*. 6*d*. for the summer session. Chemistry will be taught, as formerly, in King's College, and the other classes in the Medical School, St. Paul's-street.

THE ABERDEEN ROYAL INFIRMARY is open daily at ten.

THE ABERDEEN GENERAL DISPENSARY, VACCINE AND LYING-IN INSTITUTION is open to the student on application to the medical officers.

THE ABERDEEN LUNATIC ASYLUM contains about 320 patients. *Consulting Physician:* Dr. Macrobin.—*Physician and Superintendent:* Dr Robert Jamieson.

A course of clinical instruction is given in the summer by Dr. Jamieson. Fee for the course of three months, £2 2*s*.

DR. STEVENS'S HOSPITAL AND MEDICAL COLLEGE.—*Physicians:* Dr. Croker, Dr. Freke, and Dr. Burke.—*Surgeons:* Mr. Colles, Mr. Wilmot, and Mr. S. A. Cusack. *Resident Surgeon:* Mr. E. Hamilton.

Operations—Thursday, at nine.

Fees.—Six months' attendance, £7 7*s*.; nine months', £9 9*s*.

CITY OF DUBLIN HOSPITAL.—*Physicians:* Drs. Jacob Beatty and Benson.—*Surgeons:* Messrs. W. Hargrave, R. C. Williams, — Geoghegan, and W. J. Tufnell.—*Consulting Physicians:* Sir Henry Marsh, Bart., and Dr. Apjohn.—*Consulting Surgeons:* Mr. Porter and Dr. J. W. Cusack.

The course of practical instruction will commence in October. Clinical lectures three days weekly. Special wards are appropriated to ophthalmic cases. Dr. Jacob delivers clinical lectures on Diseases of the Eye, free to pupils of the hospital; and other courses on the Anatomy, Physiology, and Pathology of the Eye, and Operations upon that Organ.

THE LEDWICH (LATE ORIGINAL) SCHOOL OF ANATOMY, MEDICINE, AND SURGERY, PETER-STREET, DUBLIN.—The several courses of Instruction in Medicine and Surgery will be conducted by the following gentlemen:—

Mr. William Tagert, Dr. J. Ringland, Dr. Cathcart Lees, Dr. Thomas P. Mason, Mr. James H. Wharton, Mr. Robert Travers, Mr. Alexander N. Glanville, Mr. Samuel Bright, Professor Cameron, Mr. Edward Ledwich, and Mr. K. I. O'Doherty.

The dissecting rooms opened on the 1st of October, and at each available hour during the day are attended by the demonstrators, assisted by the lecturers on anatomy.

MERCER'S HOSPITAL, William-street, Dublin.—*Physician:* Dr. Jonathan Osborne.—*Surgeons:* Mr. W. Tagart, Dr. W. Jameson, Dr. P. Bevan, Dr. R. G. H. Butcher.

Visit punctually at nine A.M., and clinical instruction given daily.

The fees for the winter and summer session of nine months, £8 8*s*.; six months, £6 6*s*.

DUBLIN LYING-IN HOSPITAL, Rutland-square.—*Consulting Physician:* Sir H. Marsh, Bart.—*Consulting Surgeon:* Mr. J. W. Cusack.—*Master:* Dr. A. H. M'Clintock.—*Assistants:* Dr. B. G. Guinness and Dr. J. A. Byrne.—The diploma (which is recognised as a qualification in midwifery) is to be acquired by six months' attendance on the practice and lectures of the hospital, and by passing an examination before the Master and Assistants.

The pupils of this hospital are privileged to attend the Institution for Diseases of Children, Pitt-street, and the Cowpock Institution, Sackville-street.

Attendance for six months: Interne pupils, £21; Externe pupils, £10 10*s*.

Fee on Diploma, 10*s*. 6*d*.

The summer course of theoretical and clinical instruction will commence in May.

RICHMOND, WHITWORTH, AND HARDWICKE FEVER HOSPITALS, North Brunswick-street, Dublin.—*Physicians:* Drs. D. J. Corrigan, J. T. Banks, B. G. M'Dowel, S. Gordon.—*Surgeons:* Drs. E. Hutton, R. Adams, Mr. J. Hamilton, Dr. R. W. Smith, Dr. C. Fleming.

The surgeons visit daily at half-past eight o'clock, and the physicians at ten A.M. Operations on Wednesday mornings.

Two surgical, and two medical clinical lectures delivered in each week; also special courses of clinical instruction are also given, on fever and epidemic diseases, on diseases of the eye, and mental diseases. Practical pharmacy is taught. Nine clinical clerks and dressers are selected from the best-qualified pupils, without payment of an additional fee. Five internes are appointed half-yearly, and provided with apartments &c. free of charge.

Fees.—For the winter and summer session, nine months, £9 9*s*.; for the six winter months, £7 7*s*.; perpetual pupils, £25 paid on entrance.

N.B.—The practice of the hospital and the several lectures are free to the medical officers of the army and navy, and East India Company.

The Richmond Lunatic Asylum and the Richmond School of Medicine are adjoining.

RICHMOND LUNATIC ASYLUM.—This Asylum contains 600 beds, and is adjacent to the above hospital, students of which may attend the practice there on the payment of a small additional fee. The practice is, however, free to medical visitors o the Army and Navy, and East India Company.

WESTMORELAND LOCK HOSPITAL, Townsend-street, Dublin.—*Extern Surgeon:* Mr. T. Byrne, A.B., M.B.—*Resident Surgeon:* Mr. R. Emerson, L.R.C.S.I. & E.

Pupils admitted to a course of clinical instruction.

CATHOLIC UNIVERSITY, DUBLIN.—Catechetical examinations will be held weekly during the session by each Professor. The dissecting-rooms are lighted with gas, and the Demonstrators will be in attendance after 7 A.M., and from 8 to 10 P.M., to assist in the prosecution of Practical Anatomy.

At the termination of the session, public examinations will be held, when, in addition to the usual prizes in each class, three gold medals will be awarded for the best answering in the three following *combined* subjects:—1. Anatomy, Physiology, and Chemistry. 2. Surgery and Practice of Medicine. 3. Practical Chemistry, Materia Medica, and Medical Jurisprudence. The examinations consist of three parts—written, *viva voce*, practical or demonstrative. The school is in a central situation, and within a few minutes' walk of the principal hospitals of the city.

The certificates issued for attendance on lectures at this school are fully recognised and received by the King and Queen's College of Physicians in Ireland, the Colleges of Surgeons of Dublin, London, and Edinburgh, the Queen's University in Ireland, the Universities of London, Glasgow, Aberdeen, and St. Andrews, the Faculty of Glasgow, the Army, Navy, and East India Medical Boards, and by the Apothecaries' Halls, Dublin and London.

COOMBE LYING-IN HOSPITAL, DUBLIN.—*Masters:* Dr. John Ringland, Dr. James H. Sawyer.—*Assistant to the Masters:* Dr. Thomas P. Mason.—*Supernumerary Assistant:* Dr. George H. Kidd.—*Consulting Physicians:* Dr. J. Corrigan, Dr. Chas. P. Croker, Dr. John T. Banks.—*Consulting Surgeons:* Mr. Francis Rynd, Mr. Samuel G. Wilmot, Mr. Andrew Ellis.—*Consulting Accoucheres:* Mr. Hugh Carmichael, Dr. William Jameson, Dr. William F. Montgomery.—*Resident and Apothecary:* Mr. Arthur Davidson.

The PETER-STREET AUXILIARY HOSPITAL, DUBLIN.—*Masters:* The Masters of the Coombe Lying-in Hospital.—*Medical Superintendent:* Dr. Thomas P. Mason.—*Consulting Physician:* Dr. J. Moore Neligan.—*Consulting Surgeon:* Dr. Maurice Collis.—*Consulting Accoucheur:* Dr. Robert Johns.—*Resident and Apothecary:* Mr. Rowland Blennerhasset.

Summer and winter courses of lectures delivered in connection with the hospitals by Dr. Ringland. *Fees.*—Hospital Practice, intern pupils, six months' session, clinical lectures included, £10 10s.; do. extern pupils, do., £4 4s.; Theoretical Lectures, for each course, £2 2s.; Registrar's fee for diploma, 10s. 6d.

QUEEN'S COLLEGE, CORK.—Clinical medicine and clinical surgery, at the North and South Infirmaries, by the physicians and surgeons of these hospitals. Clinical midwifery at the Lying-in Hospital. The fees and the regulations are nearly alike at all the Queen's Colleges.

Matriculated students are required to pass the matriculation examination, whereby they are declared competent to pursue the course of study, on completing which they are entitled to become candidates for the degrees or diplomas granted by the Queen's University in Ireland. The examination for matriculation will commence on Tuesday, the 18th of October, 1859. Each candidate, before being admitted to the matriculation examination, is required to pay to the bursar of the college, the matriculation and college fees for the year, amounting together to 10s. for each faculty or department of faculty. These fees will be returned to such candidates as may fail in passing the matriculation examination. Students of the faculty of Medicine to pay on matriculation the whole of the fees of the classes for which they enter. Matriculated students are required to wear an academic dress.

In May and June are held general examinations in the subjects lectured upon during the session; and a sum of £100 is awarded in prizes to the most distinguished students.

Non-matriculated students may attend the professors' lectures without passing any of the examinations, on paying to the bursar the regulated college and class fees, amounting generally to £2 5s. for each course.

Scholarships.—The examinations for scholarships will commence on Tuesday, the 18th of October. Six Scholarships in Medicine, of the value of £20 each, tenable for one year, will be awarded to students commencing their first, second, and third years; and two Senior Scholarships of £40 each to students commencing their fourth year.

QUEEN'S COLLEGE, BELFAST.—*Laboratory pupils:* The laboratory is open on five days in each week, during the College session, from nine till three. Fee for working six months, £10; one month, £3.

Six Junior Scholarships, £20 each, and two Senior Scholarships, £40 each, are awarded annually. Scholars are exempted from one-half of the class fees.

BELFAST DISTRICT HOSPITAL FOR THE INSANE.—*Resident Physician:* Dr. R. Stewart.—*Visiting Physician:* Dr. H. M'Cormac.—*Visiting Surgeon:* Dr. James Moore.

QUEEN'S COLLEGE, GALWAY.—*Scholarships and Exhibitions.*—Six Junior Scholarships, of the value of £20 each, and six exhibitions, of the value of £10 each, are thus appropriated:—Two Scholarships and two Exhibitions to students of the first, second, and third years, respectively. Also, two Senior Scholarships, of the value of £40 each, and two Exhibitions, of the value of £18 each, to students of the fourth year.

Scholars of the first, second, and third years are exempted from half the class fees.

GALWAY COUNTY INFIRMARY.—*Surgeon:* A. J. Veitch, M.B. *Visiting Physicians and Surgeons:* Mr. Simon M'Coy, Dr. Richard Doherty, Dr. Chas. Croker King.

The TOWN FEVER HOSPITAL contains 30 beds, with a capability of accommodating a far greater number when epidemics prevail.—*Physician:* Dr. Nicholas Colahan.

Besides these institutions, the Hospital of the Galway Union is available for instruction.—*Surgeon:* Dr. James V. Browne.

HOSPITALS AND SCHOOLS
FOR
SPECIAL MEDICAL INSTRUCTION IN THE METROPOLIS.

BETHLEHEM HOSPITAL FOR LUNATICS, St. George's-fields, Southwark.—*Resident Physician and Medical Superintendent:* Dr. W. C. Hood.—*Surgeon:* Mr. W. Lawrence.—*Resident Apothecary:* Dr. W. Helps.

ST. LUKE'S HOSPITAL FOR LUNATICS, Old-street.—*Physicians:* Dr. A. J. Sutherland, F.R.S.; Dr. Henry Monro.—*Surgeon:* Mr. Jas. Luke.—*Resident Medical Superintendent:* Dr. Henry Stevens.

Lectures on Insanity are delivered by Dr. Sutherland, and clinical lectures are given.

Sessions of three months each commence on October 1st, January 1st, May 1st. Fee for session, £3 3s.

HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST, Brompton.—*Consulting Physicians:* Sir J. Forbes, Dr. C. J. B. Williams, and Dr. Walshe.—*Physicians:* Dr. Hamilton Roe, Dr. Theophilus Thompson, Dr. Cursham, Dr. Cotton, and Dr. Quain.—*Assistant Physicians:* Dr. Pollock, Dr. Edward Smith, and Dr. Scott Alison.—*Consulting Surgeon:* Mr. Fergusson.—*Resident Medical Officer:* Mr. Vertue Edwards.

Pupils are admitted to the hospital practice. Fees: for three months, £3 3s.; for six months, £5 5s.; perpetual, £10 10s.

Clinical instruction is given daily by the physicians and assistant physicians. Clinical assistants reside in the hospital. Pupils are eligible to these appointments, which are held for six months. Further particulars may be obtained of the resident medical officer.

LONDON FEVER HOSPITAL, Liverpool-road, Islington.—*Physicians:* Dr. Tweedie and Dr. Southwood Smith.—*Assistant Physicians:* Dr. Jenner and Dr. Murchison.—*Casualties Surgeon:* Mr. Lawrence.—*Resident Medical Officer:* Mr. G. Reed.—*Resident Secretary:* Mr. Cumming.

SEAMEN'S HOSPITAL, "DREADNOUGHT," off Greenwich.—*Physicians:* Dr. Barnes, Dr. S. H. Ward.—*Surgeons:* Mr. Busk, Mr. Tudor.—*Assistant Surgeon:* Mr. Croft.—*Physicians' Assistant:* Mr. Bedford.

GERMAN HOSPITAL, Dalston.—*Physicians:* Dr. S. Sutro, Tuesday and Friday, at two P.M.; Dr. Hermann Weber, Monday and Thursday, at two P.M.—*Surgeon:* Mr. de Méric, Wednesday and Saturday, at two P.M.—*Hon. Assistant Physician:* Dr. George Lichtenberg, Monday and Friday, at two P.M.—*Resident Physician:* Dr. C. Fromann.—*Dentist:* Mr. D. I. Brenneis, Wednesday, at half-past three P.M.—*Cupper:* Mr. John Atkinson.—*Medical Officers of the Dispensaries:* For the East of London: Dr. A. Rasch. For the West-end of London: M. Castañeda, Esq., M.B.

METROPOLITAN FREE HOSPITAL, Devonshire-square, Bishopsgate.—*Physicians:* Dr. C. T. Richardson, and Dr. H. Staveley King.—*Surgeons:* E. J. Chance, C. B. Childs, and J. Hutchinson, Esqs.—*Dentist:* Mr. J. Coleman.—*Cupper:* Mr. Atkinson.

PHARMACEUTICAL SOCIETY, 17, Bloomsbury-square.—Chemistry and Pharmacy: Dr. Redwood, Tuesday, Wednesday, and Friday, at half-past eight o'clock, A.M.—Materia Medica and Botany: Professor G. Bentley, Saturday and Monday, at half-past eight A.M.—The Laboratory for Practical Instruction in Pharmaceutical Chemistry, under Dr. Redwood, opens on the 3d of October; the seasons extends to the end of July, and pupils may enter at any period during the season.

Fees.—Five months, £15 15*s.*; four months, £13 13*s.*; three months, £11 11*s.*; two months, £9 9*s.*; one month, £6 6*s.* Students not registered in connexion with the Society pay a fee of one guinea for attendance at each of the courses of lectures.

Latin Class.—Mr. Braithwaite, principal assistant in the laboratory, will give instruction to an evening class, for two hours twice a week, in the reading of prescriptions and the pharmacopœia. Fee, 10*s.* 6*d.* a month.

The Board of Examiners.—The Board of Examiners meet on the third Tuesday in every month, excepting May and September, for examinations and granting certificates of qualifications to practise pharmacy. Fee for minor examination and registration as an assistant, £5 5*s.*; or if previously registered as an apprentice or student, £3 3*s.* For major examination and registration as a pharmaceutical chemist, £10 10*s.*; or if previously registered as an assistant, £5 5*s.*—Elias Bremridge, Secretary.

QUEEN CHARLOTTE'S LYING-IN HOSPITAL, Marylebone-road.—*Consulting Physician:* Dr. Roget, F.R.S.—*Consulting Surgeons:* Charles Hawkins, Esq., F.R.S.—*Medical Officers for In-Patients:* Dr. Blakeley Brown and Dr. Metcalfe Babington. *Medical Officers for Out-Patients:* Joseph Cholmondeley, Esq.

The hospital contains 40 beds. Resident pupils admitted for three months on payment of thirty guineas, including board and lodging.

BRITISH LYING-IN HOSPITAL, Endell-street, Long-acre.—*Consulting Physician:* Dr. Henry Davies.—*Physicians:* Dr. J. Clarke and Dr. Graily Hewitt.—*Surgeon:* Mr. B. Brookes.—*Secretary:* Mr. Edwin Phillips.—*Matron:* Mrs. Blake.

Resident pupils are admitted.

ROYAL MATERNITY CHARITY, Office, 17, Little Knight Rider-street, Doctors' Commons.—*Consulting Physician:* Dr. T. L. Blundell.—*Physicians:* Dr. Hall Davis and Dr. R. Barnes.

Thirty-five midwives are employed.

Average annual number of deliveries, 3677.

ROYAL INFIRMARY FOR WOMEN AND CHILDREN, Waterloo-bridge-road.—*Senior Consulting Physician:* Dr. Copland.—*Consulting Physician* (with ordinary duties): Dr. W. Hughes Willshire.—*Physicians:* Dr. C. Hutton and Dr. W. J. Merriman.—*Consulting Surgeon:* Mr. W. C. Denby.—*Surgeon:* Mr. J. Cooper Forster.—*Surgeon Dentist:* Mr. Alfred Canton. *Matron:* Mrs. Besly.

Advanced students in medicine, and such practitioners as may desire it, are permitted to attend the practice of the institution gratis. If a certificate signifying such attendance be required, the sum of five guineas must be paid to the physicians and surgeons in ordinary conjointly.

The house-surgeon is permitted to take apprentices, to whom, with the concurrence of the physicians and surgeons, certificates of attendance on the practice may be conceded without fee.

SCHOOL OF OBSTETRIC MEDICINE, Harley-street, Cavendish-square.—*Summer Session*, 1859.—Dr. Hall Davis, Physician to the Royal Maternity Charity, to the St. Pancras Infirmary, and the Great Northern Hospital, will deliver his annual course of Lectures on Midwifery and the Diseases of Women and Children, at 11, Harley-street, Cavendish-square. The course will commence with the summer term, and will be announced, as hitherto, in April.

HOSPITAL FOR SICK CHILDREN, 49, Great Ormond-street.—Contains 45 beds, and more than 10,000 out-patients are seen annually. *Physicians:* Dr. West and Dr. Jenner.—*Assistant-Physicians:* Dr. C. M. S. Babington, Dr. T. Hillier, and Dr. F. Harris.—*Surgeon:* Mr. Athol Johnson.—*Assistant-Surgeon:* Mr. T. Holmes.

The medical officers attend daily at nine o'clock A.M.

Fee, for three months' attendance, £3 3*s.*; perpetual, £5 5*s.*

Lectures on the Diseases of Children are given weekly during the winter by the physicians and surgeon. Admission free to students after their first year, on previous written application to the secretary at the hospital.

ROYAL WESTMINSTER OPHTHALMIC HOSPITAL, Charing-cross. *Surgeons:* Mr. H. Hancock, .—*Assistant Surgeons:* Mr. Jabez Hogg, Mr. H. Power, M.B.—*House-Surgeon:* Mr. George Mayon.

The hospital contains 30 beds, and during the past year 6155 out-patients and 160 in-patients were treated.

The medical officers attend on Mondays, Wednesdays, and Fridays, from one to two o'clock.

Fee for the attendance on the practice and lectures, three months, £3 3*s.*; perpetual, £5 5*s.*

The office of house-surgeon is open to the competition of the students attending the hospital.

ROYAL LONDON OPHTHALMIC HOSPITAL, Moorfields.—*Consulting Physician:* Dr. F. J. Farre.—*Physician:* Dr. R. Martin.—*Consulting Surgeon:* Mr. G. W. Mackmurdo.—*Surgeons:* Mr. J. Dixon, Mr. G. Critchett, Mr. W. Bowman, and Mr. A. Poland.—*Assistant Surgeons:* Mr. J. C. Wordsworth, Mr. J. F. Streatfield, and Mr. W. J. Hulke.—*House-Surgeon:* Mr. C. Bader.

ROYAL ORTHOPÆDIC HOSPITAL, 315, Oxford-street.—*Surgeons:* Mr. R. W. Tamplin, Mr. W. Adams.—*Assistant Surgeons:* Mr. B. E. Brodhurst, Mr. Holmes Coote.—*Apothecary:* Mr. H. L. Sequeira. Lectures are regularly given to medical practitioners and students.

ST. MARYLEBONE EYE INSTITUTION, 155, Marylebone-road.—*Surgeons:* Mr. Henry Obré and Mr. W. O. Chalk.

Days of attendance, Mondays, Wednesdays, and Fridays, at one o'clock. Members of the medical profession are permitted to see the practice on presenting their cards.

CITY OF LONDON HOSPITAL FOR DISEASES OF THE CHEST, Victoria-park.—*Consulting Physicians:* Dr. B. G. Babington, Dr. H. Jeaffreson.—*Physicians:* Dr. Peacock, Dr. J. Risdon Bennett, Dr. Birkett.—*Assistant Physician:* Dr. Edwards.—*Consulting Surgeon:* Mr. Hilton.—*Resident Medical Officer:* J. W. Cousins, M.B.

CANCER HOSPITAL, Brompton.—Establishment for Out-Patients and Secretary's Office, 167, Piccadilly.—*Principal Surgeon:* Wm. Marsden, M.D.—*Surgeons:* Mr. Weedon Cooke and Mr. Alex. Marsden.—*Pathological Anatomist:* Dr. Knox, F.R.S.E.—*Resident Dispenser:* Mr. C. F. Draper.

Visits of the surgeons every Monday, Wednesday, and Saturday, at three o'clock P.M.

Out-patients are seen every Tuesday at 167, Piccadilly (opposite Bond-street), at two o'clock P.M., and the uterine cases on Friday, at the same hour.

Legally qualified medical practitioners are admitted to the practice of the hospital on presenting their cards. Students of medicine and surgery are admitted to the practice of the hospital on the payment of £5 5*s.* for six months, or £10 10*s.* perpetual.

LOCK HOSPITAL AND ASYLUM, Harrow-road, Paddington.—*Consulting Physician:* Dr. A. Sayer.—*Physician:* Dr. T. K. Chambers.—*Consulting Surgeons:* Mr. E. Cutler and Mr. S. A. Lane.—*Surgeons:* Mr. H. Lee and Mr. J. R. Lane.—*Assistant Surgeons:* Mr. Gascoyen and Mr. W. J. Coulson.—*Apothecary:* Mr. A. B. R. Myers.—*Matrons:* Mrs. Clarkson and Mrs. Hurd.—*Secretary:* Mr. G. T. F. Abraham.

METROPOLITAN SCHOOL OF DENTAL SCIENCE, Cavendish-square.—Lectures will be delivered on *Dental Surgery* by Mr. R. T. Hulme, on Wednesdays, at 7, £3 3*s.*; *Anatomy and Physiology, with Demonstrations from the Subject*, by Dr. Richardson, on Thursdays at 7, £4 4*s.*; *Dental Mechanics*, by Mr. W. Perkins, on Fridays at 8, £3 3*s.*; *Comparative Anatomy*, by Dr. L. I. Cobbold, on Fridays at 7, £1 11*s.* 6*d.*; *Principles of Surgery*, by Mr. T. Spencer Wells, on Thursdays at 8, £1 11*s.* 6*d.*; *Chemistry and Metallurgy*, by Dr. A. S. Bernays, on Wednesdays at 8, £1 11*s.* 6*d.*

To Correspondents.

IN consequence of the extraordinary pressure on our columns, we are under the necessity of requesting the indulgence of the whole of our correspondents until next week.